CATALOG 48

J.G. BRAUN COMPANY



609-615 SOUTH PAULINA ST., CHICAGO 12, ILL.
537-541 WEST 35TH ST., NEW YORK 1, N. Y.

A.I.A. FILE No. 15

IMPORTANT

Make these additions in this catalog **NOW!**

PAGE 4. RECTANGULAR ALUMINUM BARS

SIZE	WEIGHT
3/4" x 2 1/2"	2.250
3/4" x 3"	2.700

PAGE 8. Insert above line reading "16505 RE Handrail End" the following:

For No. 4915 Aluminum Rail.

PAGE 23. Aluminum Window Sills shown are Type **"C".**

Top dimension line is "A."
Second dimension line is "B."

ARCHITECTURAL ALUMINUM

PRODUCTS



Registered U.S.Pat.Off.

ALUMINUM COMPANY
OF AMERICA

J.G.Braun Company

Architectural Metals and Supplies

609-615 SO. PAULINA ST.
CHICAGO 12, ILL.

EST. 1887

537-541 W. 35TH ST.
NEW YORK 1, N. Y.

FOREWORD

The Alcoa Extruded Aluminum shapes and miscellaneous aluminum, Tubing, Pipe, Castings, etc. shown on the following pages represent possibly the largest offering of **Architectural Aluminum** available from warehouse stock.

Of the many new designs added to this Catalog, we want to draw particular attention to the ornamental aluminum castings shown on pages 10 to 15 inclusive. They have been carefully designed and are especially suited for Railings and Trellis. They are light in weight. double faced, and all authentic details have been retained.

Although many new items are shown, we can also supply additional shapes from open mill dies or from dies made for customers exclusive use. There is a nominal charge for special dies.

The designs illustrated are carried in lengths and alloys best suited to their particular use. This information is shown in numerical index on following pages. The illustrations are generally shown in full size but are subject to variation and revision from time to time.

We solicit your inquiries and suggestions.

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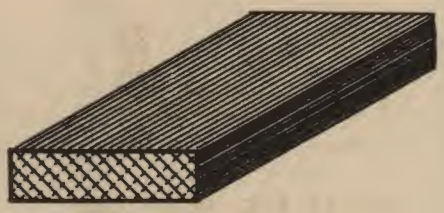
No.	Page	Weight	Length Feet	Alloy
4560	9			Finials
4561	9			"
4562	9			"
4563	9			"
4564	9			"
4570	9			"
4571	9			"
4572	9			"
4576	9			Brackets
4576A	9			"
4587	9			"
4593	9-32			
4600	5-6	.263	20	63ST5
4607	5	.637	16	63ST5
4608	5	1.262	16	63ST5
4609	5-6	.300	20	63ST5
4610	5	.563	16	63ST5
4611	5-6	.187	16	63ST5
4612	5-6	.337	20	63ST5
4613	5	.413	16	63ST5
4614	5	.148	16	63ST5
4616	5-6	.374	16	63ST5
4617	5-6	.413	16	63ST5
4618	4	.300	16	63SF
4619	4	.450	16	63SF
4620	5	.581	16	63ST5
4621	4	.281	16	63SF
4622	4	.337	16	63SF
4623	5	.633	16	63ST5
4625	4-23	.244	16	63SF
4626	4-23	.370	16	63SF
4627	5	.131	16	63ST5
4628	5	.168	16	63ST5
4629	5	.206	16	63ST5
4630	5	.281	16	63ST5
4631	5	.356	16	63ST5
4632	5	.431	16	63ST5
4633	5	.857	16	63ST5
4634	5	.116	16	63SF
4635	5	.206	16	63ST5
4636	5	.244	16	63ST5
4637	5	.319	16	63ST5
4638	5	.070	16	63SF
4639	5-22	.431	16	63ST5
4640	21	.066	16	63SF
4641	21	.117	16	63SF
4642	21	.183	16	63SF
4643	21	.157	16	63SF
4644	21	.279	16	63SF
4645	21	.086	16	63SF
4646	21	.107	16	63SF
4647	21	.128	16	63SF
4648	20	.107	12-16	63SF
4649	20	.216	12	63SF
4650	16	.058	12	63SF
4651	20	.216	12	63SF
4653	20	.093	16	63SF
4654	20	.203	16	63SF
4656	20	.133	16	63SF
4657	20	.157	16	63SF
4658	21	.228	16	63SF
4659	21	.257	16	63SF
4660	21	.201	16	63SF
4661	21	.144	16	63SF
4662	21	.301	16	63SF
4663	5	.694	16	63ST5
4664	4	.676	16	63ST5
4670	4-22	.319	16	63SF
4671	22	.372	16	63SF
4672	22	.364	16	63SF
4675	21-22	.154	16	63SF
4679	16	.080	16	63SF
4680	16	.135	16	63SF
4681	16	.252	16	63SF
4682	16	.282	16	63SF
4683	16	.138	16	63SF
4687	22	.300	16	63SF
4690	20	.180	12	63SF
4695	21-22	.188	16	63SF
4704	26	.963	20	63ST5
4705	26	1.147	20	63ST5
4706	26	1.291	20	63ST5
4708	26	—	16	—
4710	16-22	.168	16	63SF
4711	16	.228	16	63SF
4712	16	.250	16	63SF
4713	16-22	.061	16	63SF
4720	16	.192	16	63SF
4721	16	.234	16	63SF
4722	16-25	.300	16	63SF
4723	16	.204	16	63SF
4724	16	.252	16	63SF
4725	16	.430	16	63SF
4726	17	.450	16	63SF
4728	16	.276	16	63SF
4729	17	.422	16	63SF
4730	16	.155	16	63SF
4731	21	.306	16	63SF
4733	21	.148	16	63SF
4734	21	.187	16	63SF
4735	21	.244	16	63SF
4737	21	.480	16	63SF
4738	21	.527	16	63SF
4739	21	.230	16	63SF
4740	21	.180	16	63SF
4741	21	.224	16	63SF
4742	21	.150	16	63SF
4743	21	.230	16	63SF
4745	18	.360	16	63SF
4746	18	.468	16	63SF
4748	17	.296	16	63SF
4749	17	.350	16	63SF
4750	16	.420	16	63SF
4751	16	.256	16	63SF
4752	16	.093	16	63SF
4753	16	.130	16	63SF
4754	16	.578	16	63SF
4755	16	.168	16	63SF
4757	16	.125	16	63SF
4766	17	.468	16	63SF
4767	17	.425	16	63SF
4768	17	.492	16	63SF
4769	17	.564	16	63SF
4770	20	.433	16	63SF
4771	20	.090	16	63SF
4773	24	.300	16	63SF
4774	24	.235	16	63SF
4775	24	.431	16	63SF
4776	24	.528	16	63SF
4777	16-24	.209	16	63SF
4778	24	.438	16	63SF
4779	24	.431	16	63SF
4780	25	1.600	20	63SF
4781	25	.492	16	63SF
4782	25	.469	16	63SF
4783	21-25	.372	16	63SF

NUMERICAL INDEX

No.	Page	Weight	Length Feet	Alloy
4784	22	.718	16	63SF
4785	22	.602	16	63SF
4786	24	.410	16	63SF
4788	24	.414	16	63SF
4789	22	.391	16	63SF
4790	22	.299	16	63SF
4791	24	.366	16	63SF
4792	24	.454	16	63SF
4793	24	.361	16	63SF
4794	24	.330	16	63SF
4796	22	.263	16	63SF
4797	21–22	.187	16	63SF
4800	25	.853	20	63SF
4801	25	.847	20	63SF
4802	26	.402	20	63ST5
4803	26	.476	20	63ST5
4804	26	.894	20	63ST5
4805	26	.624	20	63ST5
4807	26	1.798	20	63ST5
4809	26	.180	20	63ST5
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4822	21	.043	16	63SF
4823	20	.062	16	63SF
4826	20	.160	20	63SF
4829	20	.136	20	63SF
4830	20	.095	20	63SF
4834	20	.196	20	63SF
4835	20	.112	11–16–20	63SF
4836	20	.128	11–16–20	63SF
4837	20	.129	20	63SF
4838	20	.105	20	63SF
4839	20	.106	12–20	63SF
4840	20	.104	12–20	63SF
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4860	19	.812	16	63SF
4861	19	1.212	16	63SF
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4864	19	.830	16	63SF
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4868	19	.812	16	63ST5
4869	19	.930	16	63ST5
4870	18	1.048	20	63SF
4882	17	.852	20	63SF
4883	18	1.020	20	63SF
4884	17	.769	20	63SF
4885	17	.733	20	63SF
4887	18	.806	16	63ST5
4888	18	.902	20	63SF
4889	17	.576	20	63SF
4890	18	.806	20	63SF
4891	19	.954	16	63SF
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4901	6	.608	20	63ST5

No.	Page	Weight	Length Feet	Alloy
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4904	6	1.244	20	63ST5
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4906	6	.670	20	63ST5
4907	7	.900	20	63ST5
4908	6	.838	20	63ST5
4909	6	.690	20	63ST5
4912	7	.828	20	63ST5
4913	7	.492	20	63ST5
4914	7	.581	20	63ST5
4915	7	.852	20	63ST5
4916	7	1.408	20	63ST5
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4922	23	.430	16	63SF
4923	23	.348	16	63SF
4930	23	.816	16	63SF
4931	23	.650	16	63SF
4932	23	.660	16	63SF
4933	23	.796	16	63SF
4954	5	.145	16	63ST5
4955	5	.158	16	63SF
4958	5–6	.360	20	63ST5
4959	5–6	.251	20	63ST5
4962	5	.300	16	63ST5
4963	5–6	.413	16	63ST5
4965	5–6	.564	20	63ST5
4966	5	.863	16	63ST5
4967	5	.564	16	63ST5
4968	5	.713	16	63ST5
4969	5	1.013	16	63ST5
4970	5	1.940	20	63ST5
4975	4	.207	16	63SF
4977	4	.300	16	63ST5
4984	20	.092	12–20	63SF
4986	5	.450	16	63ST5
9900	13–15			Casting
9901	15			"
9902	15			"
9906	11			"
9907	11			"
9908	11			"
9909	11			"
9910	13			"
9911	13			"
9920	14			"
9921	14			"
9922	14			"
9923	14			"
9930	12			"
9931	12			"
9940	10			"
9941	10			"
19047	26	.829	16	63ST5
19048	26	1.102	16	63ST5
19049	26	1.226	16	63ST5
36723	28	1.092	10	63SF
36724	28	.371	10	63SF
36725	28	.569	10	63SF
37734	23	.524	21	63SF
37735	23	.574	21	63SF
37736	23	.636	21	63SF
37737	23	.691	21	63SF
37738	23	.746	21	63SF
37739	23	.804	21	63SF
38649	26	.773	16	63ST5
39258	30	1.340	10	63SF
39259	30	1.201	10	63SF

RECTANGULAR ALUMINUM BARS



SIZE	WEIGHT
1/8" x 1/2"	.076
1/8" x 5/8"	.094
1/8" x 3/4"	.113
1/8" x 1"	.150
1/8" x 1 1/4"	.187
1/8" x 1 1/2"	.226
1/8" x 1 3/4"	.263
1/8" x 2"	.300
1/8" x 2 1/2"	.374
1/8" x 3"	.450

SIZE	WEIGHT
3/16" x 1/2"	.113
3/16" x 5/8"	.140
3/16" x 3/4"	.169
3/16" x 1"	.226
3/16" x 1 1/4"	.281
3/16" x 1 1/2"	.337
3/16" x 1 3/4"	.394
3/16" x 2"	.450
3/16" x 2 1/2"	.563

SIZE	WEIGHT
1/4" x 1/2"	.150
1/4" x 5/8"	.187
1/4" x 1"	.300
1/4" x 1 1/4"	.374
1/4" x 1 1/2"	.450
1/4" x 1 3/4"	.524
1/4" x 2"	.600
1/4" x 2 1/2"	.750
1/4" x 3"	.900
1/4" x 4"	1.200

SIZE	WEIGHT
5/16" x 2"	.750

SIZE	WEIGHT
3/8" x 1/2"	.224
3/8" x 5/8"	.281
3/8" x 3/4"	.338
3/8" x 1"	.450
3/8" x 1 1/4"	.563
3/8" x 1 1/2"	.674
3/8" x 1 3/4"	.787
3/8" x 2"	.900
3/8" x 2 1/2"	1.126
3/8" x 3"	1.350

SIZE	WEIGHT
1/2" x 3/4"	.450
1/2" x 1"	.600
1/2" x 1 1/4"	.750
1/2" x 1 1/2"	.900
1/2" x 1 3/4"	1.050
1/2" x 2"	1.200
1/2" x 2 1/2"	1.500
1/2" x 3"	1.800

SIZE	WEIGHT
5/8" x 1"	.750
5/8" x 1 1/4"	.937
5/8" x 1 1/2"	1.124
5/8" x 2"	1.500
5/8" x 3"	2.250

SIZE	WEIGHT
3/4" x 1 1/2"	1.350
3/4" x 1 3/4"	1.576
3/4" x 2"	1.800

SIZE	WEIGHT
1" x 1 1/2"	1.800
1" x 2"	2.400

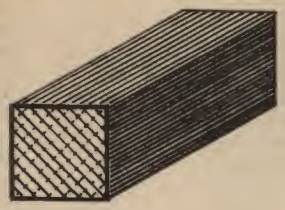
ROUND ALUMINUM BARS



SIZE	WEIGHT
1/2"	.235
3/4"	.530
1"	.942

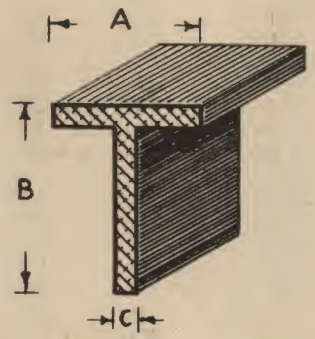
63 SF Alloy

SQUARE ALUMINUM BARS



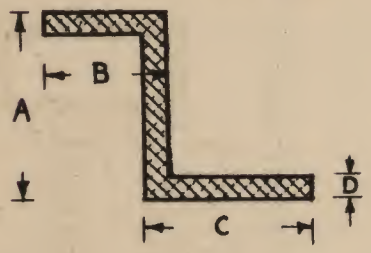
SIZE	WEIGHT
1/4"	.073
3/8"	.169
1/2"	.300
5/8"	.469
3/4"	.674
1"	1.200
1 1/4"	1.875
1 1/2"	2.700

ALUMINUM TEE BARS

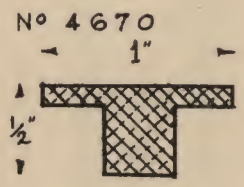


NUMBER	A	B	C	WEIGHT
*4975	3/4" x	3/4" x	1/8"	.207
*4625	3/4" x	1" x	1/8"	.244
*4626	3/4" x	1 3/8" x	5/32"	.370
*4621	1" x	1" x	1/8"	.281
4977	1 1/4" x	7/8" x	1/8"	.300

ALUMINUM ZEE BARS



NUMBER	A	B	C	D	WEIGHT
*4618	3/4" x	3/4" x	3/4" x	1/8"	.300
*4622	1" x	5/8" x	7/8" x	1/8"	.337
*4619	1" x	1 1/8" x	1 1/8" x	1/8"	.450
4664	1 3/16" x	11/16" x	1 1/2" x	3/16"	.676

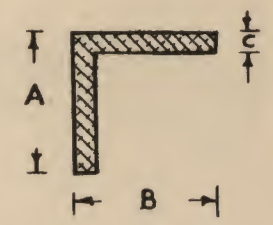


63 SF Alloy

All items on this page 63 ST5 alloy unless shown otherwise. Lengths of 16 feet. (*) 63 SF Alloy

Illustrations Full Size *Weights and Measurements Approximate*

ALUMINUM ANGLES



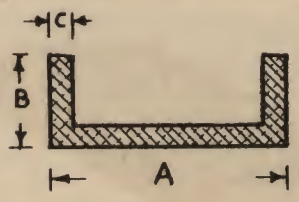
EQUAL LEG, Square Root

NUMBER	A	B	C	WEIGHT
†4638	½″	½″	1/16″	.070
4627	½″	½″	⅛″	.131
4628	⅝″	⅝″	⅛″	.168
4629	¾″	¾″	⅛″	.206
4954	1″	1″	1/16″	.145
4630	1″	1″	⅛″	.281
4631	1¼″	1¼″	⅛″	.356
4632	1½″	1½″	⅛″	.431
4623	1½″	1½″	3/16″	.633
4620	2″	2″	⅛″	.581
4633	2″	2″	3/16″	.857

UNEQUAL, Square Root

NUMBER	A	B	C	WEIGHT
†4634	¾″	⅜″	3/32″	.116
†4955	1″	½″	3/32″	.158
4635	1″	½″	⅛″	.206
4636	1¼″	½″	⅛″	.244
4637	1½″	¾″	⅛″	.319
4639	2″	1″	⅛″	.431
4663	3½″	1¼″	⅛″	.694

ALUMINUM CHANNELS



EQUAL LEG, Square Root

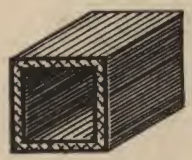
NUMBER	A	B	C	WEIGHT
4614	½″	½″	3/32″	.148
4962	¾″	¾″	⅛″	.300
4613	1″	1″	⅛″	.413
4607	1½″	1½″	⅛″	.637
4966	2″	2″	⅛″	.863
4608	2″	2″	3/16″	1.262

UNEQUAL, Square Root

NUMBER	A	B	C	WEIGHT
4611	¾″	⅜″	⅛″	.187
*4600	1″	½″	⅛″	.263
*4609	1¼″	½″	⅛″	.300
*4959	1 1/16″	½″	3/32″	.251
*4612	1½″	½″	⅛″	.337
4963	1½″	¾″	⅛″	.413
4616	1¾″	½″	⅛″	.374
4986	1¾″	¾″	⅛″	.450
4617	2″	½″	⅛″	.413
*4965	2″	1″	⅛″	.564
*4958	2 3/32″	9/16″	3/32″	.360
4967	2½″	¾″	⅛″	.564
4610	3″	½″	⅛″	.563
4968	3″	1″	⅛″	.713
4969	4″	1½″	⅛″	1.013
*4970	5″	2″	3/16″	1.940

ALUMINUM SEAMLESS TUBING

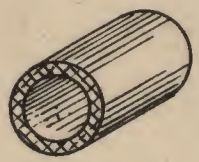
SQUARE



SIZE	THICKNESS	WEIGHT
½″ x	½″ x .062	.130
⅝″ x	⅝″ x .062	.167
¾″ x	¾″ x .062	.205
1″ x	1″ x .062	.278
1¼″ x	1¼″ x .062	.353
1½″ x	1½″ x .062	.428
1¾″ x	1¾″ x .062	.502
2″ x	2″ x .062	.576
2½″ x	2½″ x .093	1.074
3″ x	3″ x .093	1.297
*4″ x	4″ x .125	2.324

Alloy 3-S Drawn

ROUND

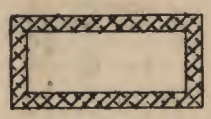


SIZE	THICKNESS	WEIGHT
½″	.065	.104
¾″	.065	.164
1″	.065	.224
1½″	.065	.344

Alloy 3-SH14
12 ft. lengths

(†) 63 SF Alloy

RECTANGULAR



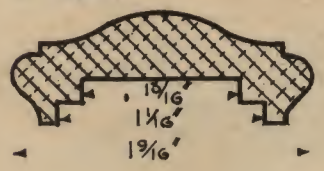
SIZE	THICKNESS	WEIGHT
½″ x	1″ x .078	.246
¾″ x	1½″ x .078	.384
1″ x	1½″ x .078	.431
1″ x	2″ x .083	.553
1¼″ x	2½″ x .083	.700
1¾″ x	2¼″ x .128	1.125
1¾″ x	3″ x .125	1.323
*1¾″ x	3¼″ x .102	1.150
1¾″ x	3½″ x .125	1.470
*1¾″ x	4″ x .125	1.650
1¾″ x	4½″ x .125	1.765
*1¾″ x	5″ x .125	1.910
* 2″ x	3″ x .125	1.395

Alloy 3-S Drawn

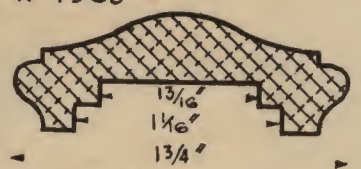
Items with * are 20 ft. lengths, all others on this page are 16 feet. All items on this page are 63-ST5 alloy unless shown otherwise.

Illustrations Full Size *Weights and Measurements Approximate*

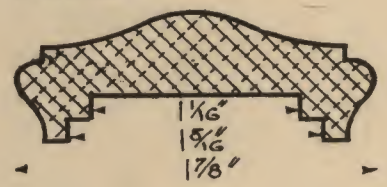
N°4901



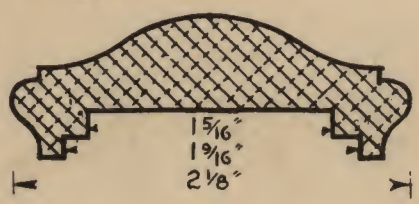
N°4905



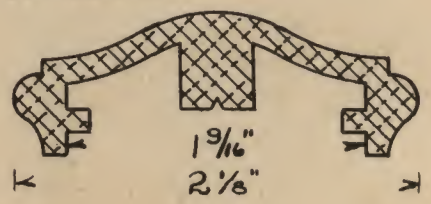
N°4908



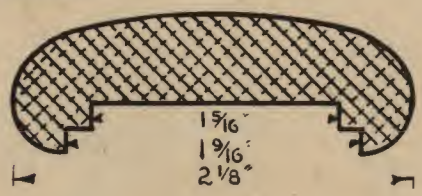
N° 4900



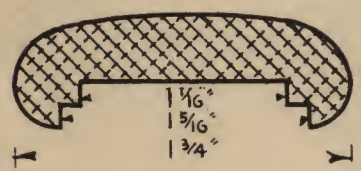
N° 4909



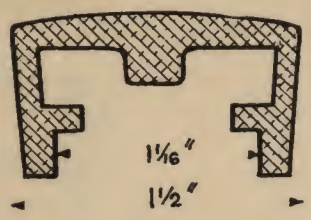
N°4904

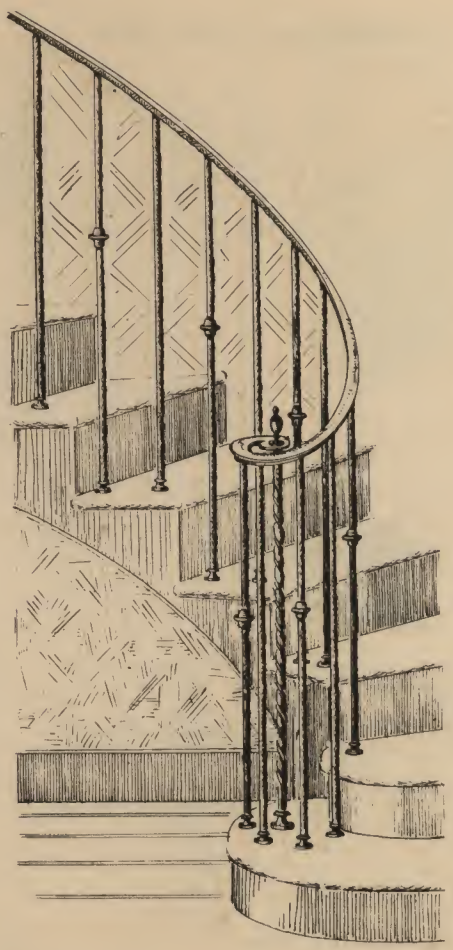


N°4903



N°4906



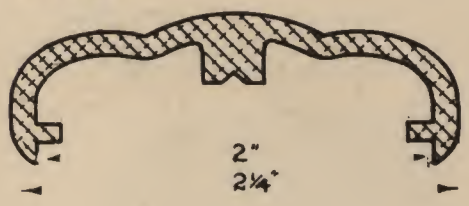


ALUMINUM CHANNELS

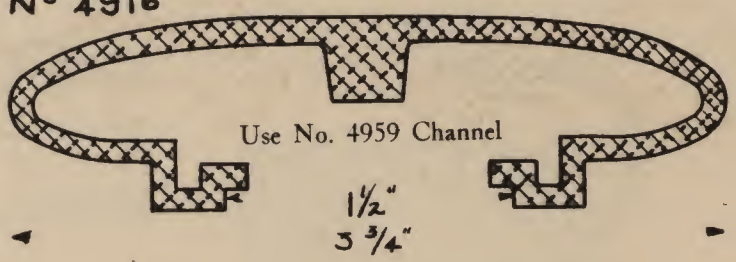
NUMBER	A	B	C	WEIGHT
4611	3/4"	x 3/8"	x 1/8"	.187
4600	1"	x 1/2"	x 1/8"	.262
4609	1 1/4"	x 1/2"	x 1/8"	.300
4959	1 7/16"	x 1/2"	x 3/32"	.251
4612	1 1/2"	x 1/2"	x 1/8"	.337
4963	1 1/2"	x 3/4"	x 1/8"	.410
4616	1 3/4"	x 1/2"	x 1/8"	.375
4617	2"	x 1/2"	x 1/8"	.412
4965	2"	x 1"	x 1/8"	.562
4958	2 3/32"	x 9/16"	x 3/32"	.360

Illustrations Full Size See index for weight, alloy and lengths. *Weights and Measurements Approximate*

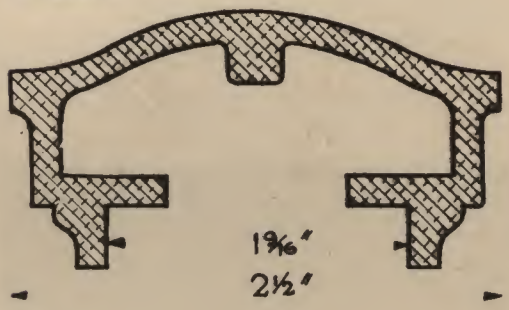
N°4914



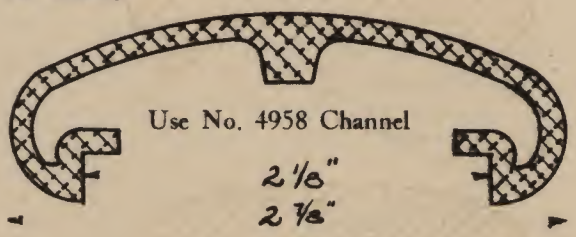
N° 4916

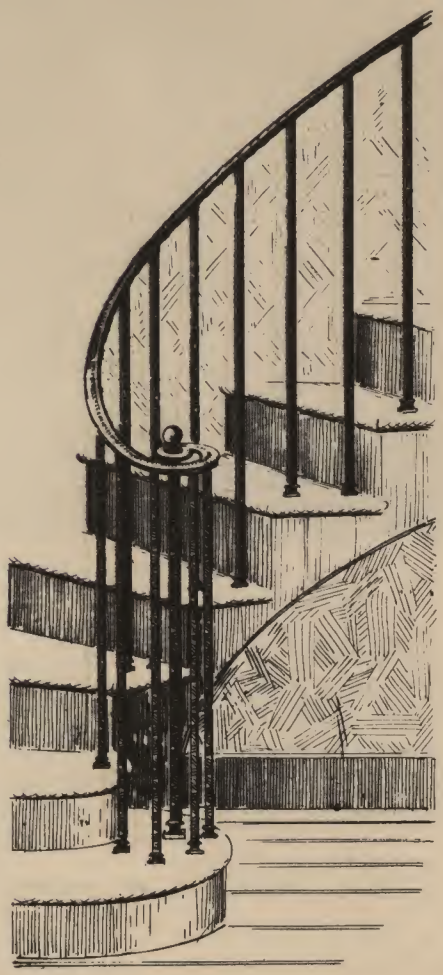


N°4902

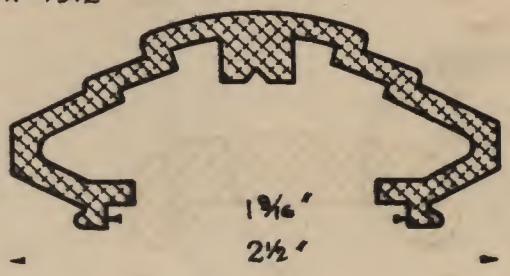


N°4915

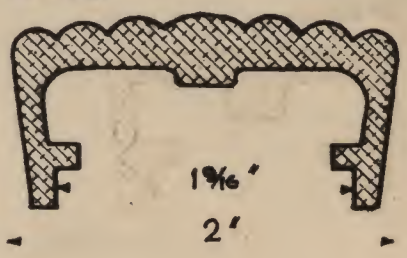




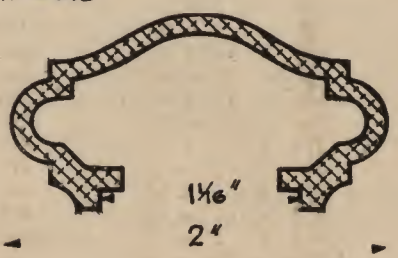
N°4912



N°4907

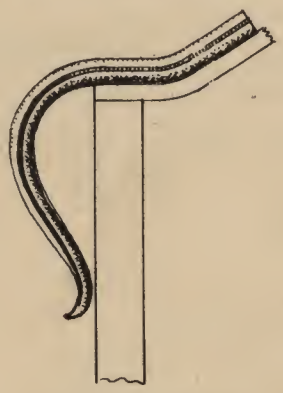


N°4913



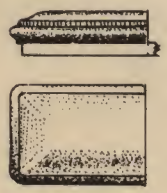
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

LAMBS TONGUE



FOR ALUMINUM HANDRAILS
Nos. 4900, 4901, 4904
4908, 4909

SQUARE TERMINAL



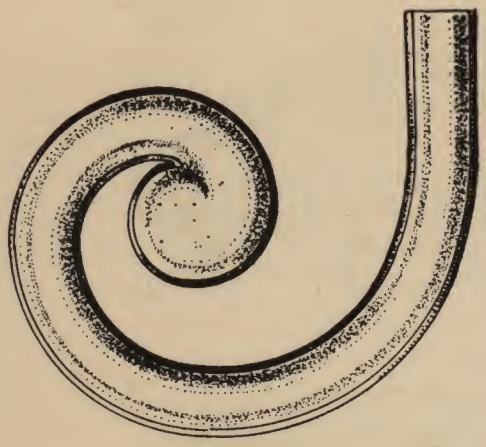
FOR ALUMINUM HANDRAILS
Nos. 4900, 4901
4904, 4909

VERTICAL END



FOR ALUMINUM HANDRAILS
Nos. 4900, 4901, 4904
4907, 4909

LATERAL SCROLL



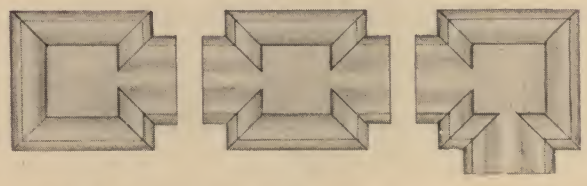
FOR ALUMINUM HANDRAILS
Nos. 4900, 4901, 4904
4908, 4909

Lateral Scrolls are furnished right and left. Scroll as illustrated is left hand for left side rail. For opposite side, order right hand scroll. A sheet giving full sizes of these lateral scrolls will be sent on request.

Lateral Bar Scrolls of malleable iron to fit the above moulding scrolls are also available.



16505 RE Handrail End
16505 B Handrail Bracket



END CAP CENTER CAP CORNER CAP

FOR ALUMINUM HANDRAIL
No. 4908

ALUMINUM CAPS AND DROPS

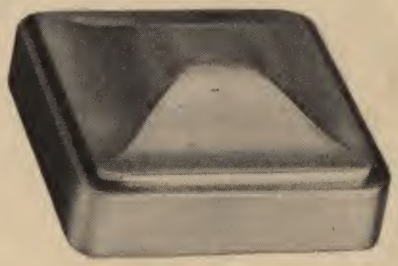
TYPE B



FOR SQUARE TUBING

3″ x 3″
4″ x 4″

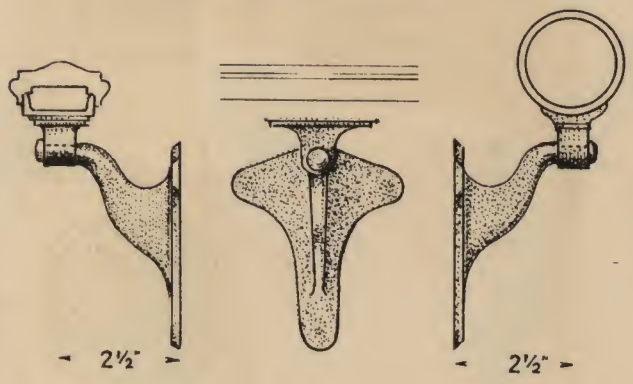
TYPE A



FOR SQUARE TUBING

3″ x 3″
4″ x 4″

WALL RAIL BRACKET

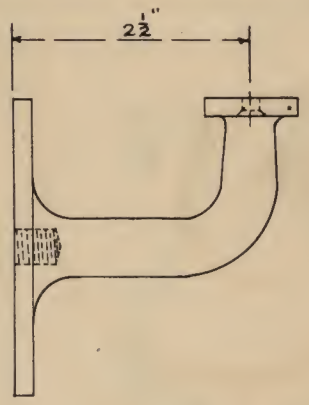


No. 4576 Aluminum Bracket for Channel
No. 4576A Aluminum Bracket for Piperail

A novel and attractive Bracket. The Swivel allows Backplate to remain always in vertical position no matter what the pitch of the Handrail.

FOR RECTANGULAR TUBING

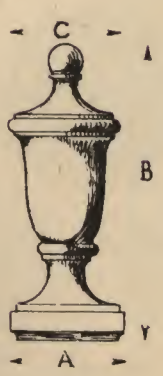
4″ x 6″



WALL RAIL BRACKET

Flat Top No. 4587
Curved Top No. 4593

POLISHED ALUMINUM FINIALS

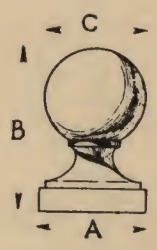


SQUARE BASE

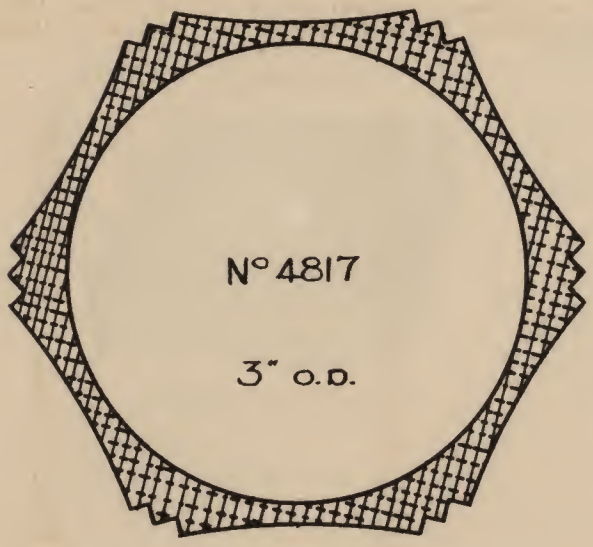
	A	B	C
No. 4570	1⅛″	3¼″	1¼″
No. 4571	1⅜″	4 ″	1½″
No. 4572	1⅝″	4⅞″	1¾″

SQUARE BASE

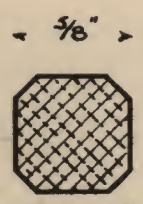
	A	B	C
No. 4560	1⅛″	1¾″	1 ″
No. 4561	1⅜″	2⅛″	1¼″
No. 4562	1⅝″	2½″	1½″
No. 4563	1¾″	2⅞″	1¾″
No. 4564	2 ″	3¼″	2 ″



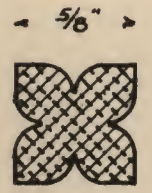
Additional finials in Polished Bronze and malleable iron are also available.







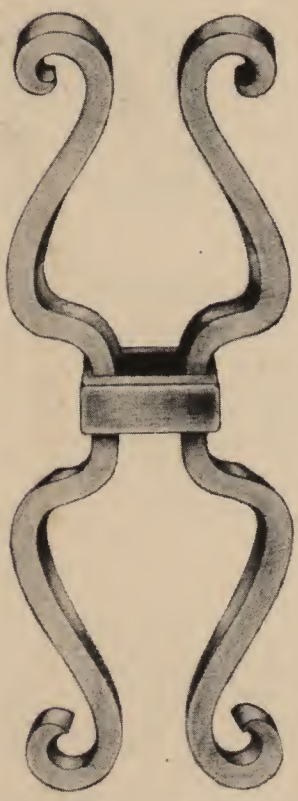
N°4813



N°4811

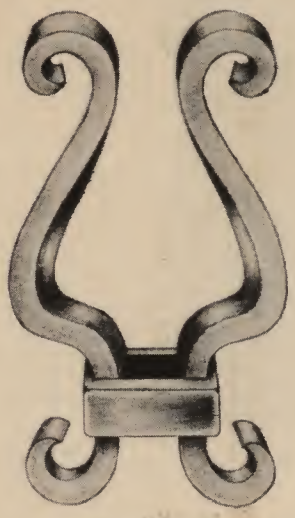
CAST ALUMINUM BALUSTER ORNAMENTS

For ½" and ⅝ Square Bars



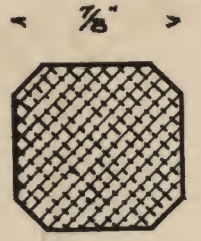
N°9941

For ½" and ⅝ Square Bars

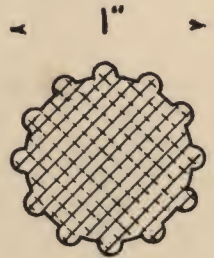


N°9940

For ½" and ⅝ Square Bars



N° 4814



N°4812

ORNAMENTAL BALUSTER ORNAMENTS may be used with square bars, tubing or with ornamental bars as shown on this page. They are easily applied with pin or weld. Also available in Malleable Iron.

Illustrations Full Size

See index for weight, alloy and lengths.

Measurements Approximate

CAST ALUMINUM BALUSTER BARS

ORNAMENTAL ALUMINUM BALUSTER BARS, are strong, lightweight, and of pleasing design. They are supplied in long lengths so they can be cut to meet any condition. These designs are also available in Malleable Iron. Ask for full information.



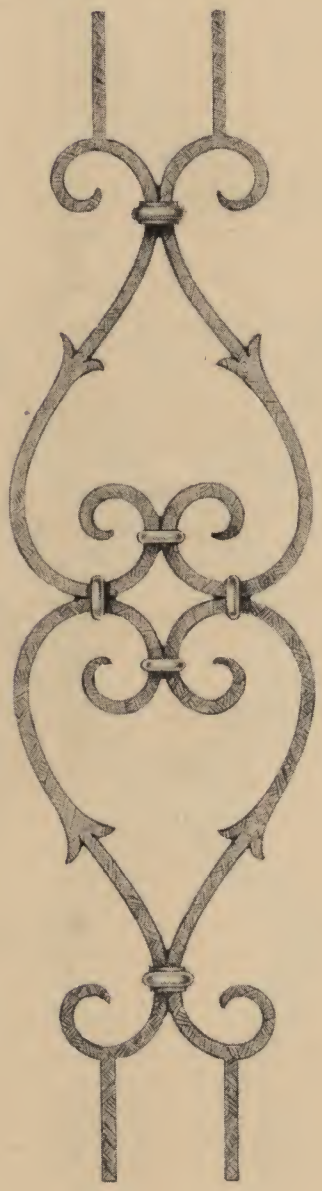
No 9906 No 9907 No 9908 No 9909

BALUSTER BARS ARE SUPPLIED 3'-3" LONG

CAST ALUMINUM RAILING PANELS

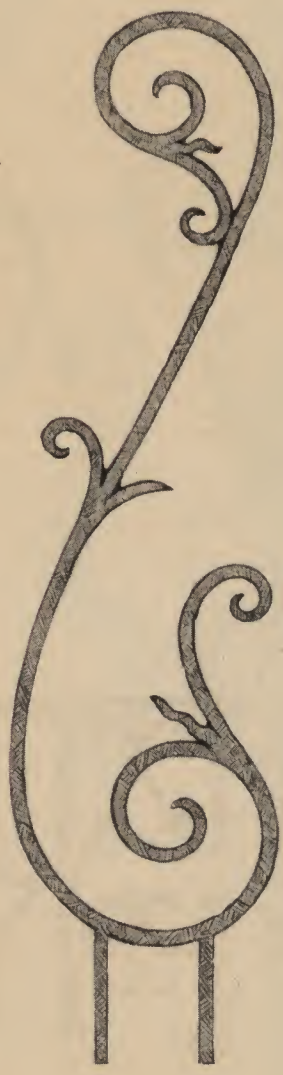
ORNAMENTAL ALUMINUM RAILING CASTINGS are double faced, strong and lightweight. They may be used as railing panels or as a continuous design in Porch enclosures, etc. Also available in Malleable Iron.

N°9930



Height 37″
Width 9½″

N°9931



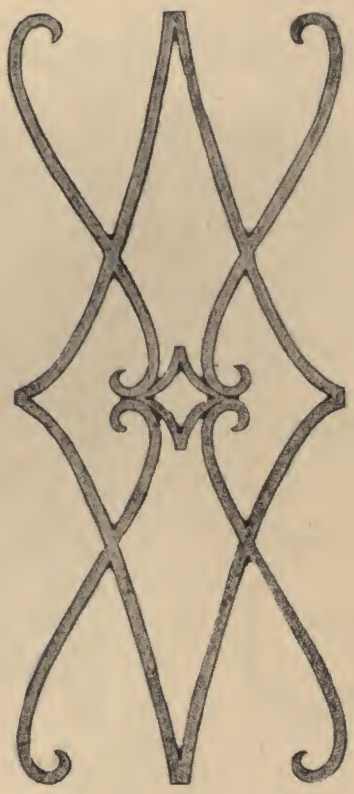
N°9931



Height 33″
Width 8½″

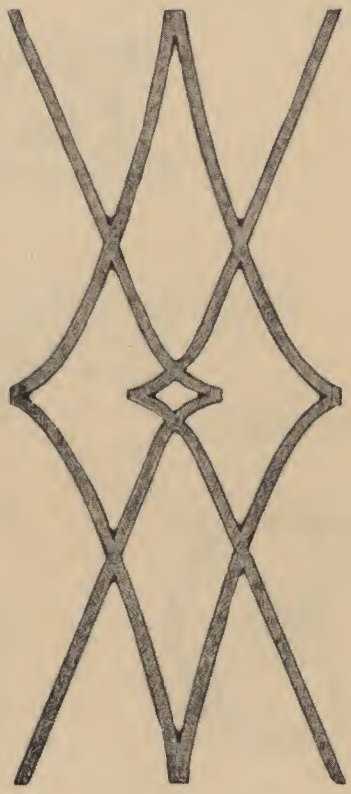
CAST ALUMINUM RAILING PANELS

N°9910



Height 24½"
Width 10½"

N°9911

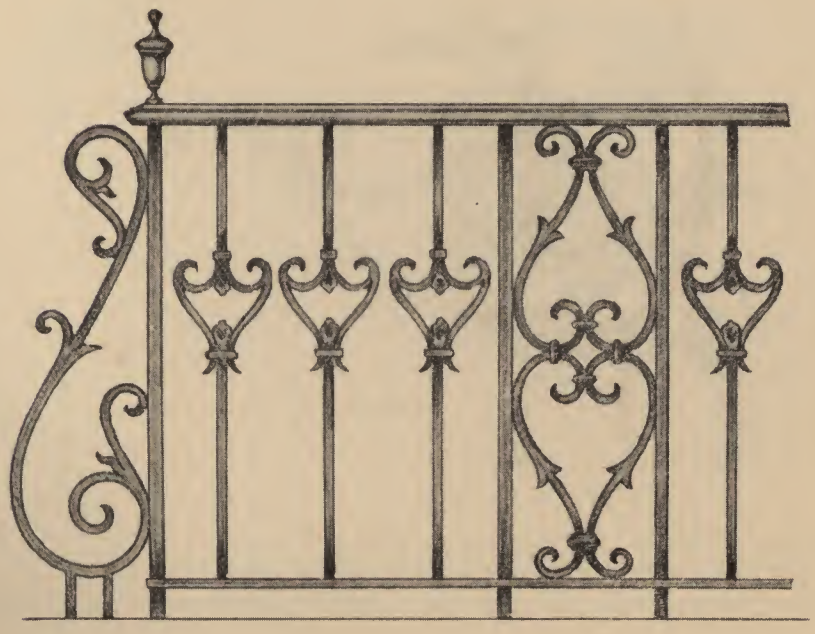


Height 24½"
Width 10½"

N°9900



Height 31¼"
Width 8½"



ORNAMENTAL ALUMINUM PANELS shown on this page are double faced and especially designed for railings of continuous design. They may also be used in construction of window guards, porch enclosures, etc. Also available in Malleable Iron.

ORNAMENTAL ALUMINUM CASTINGS

DOUBLE FACED ALUMINUM CASTINGS offered on this page are entirely new and different in design. Pleasing to the eye, and light in weight, they lend themselves particularly to small house decoration.

N° 9920



Height 34¼"
Width 7¼"



N° 9922

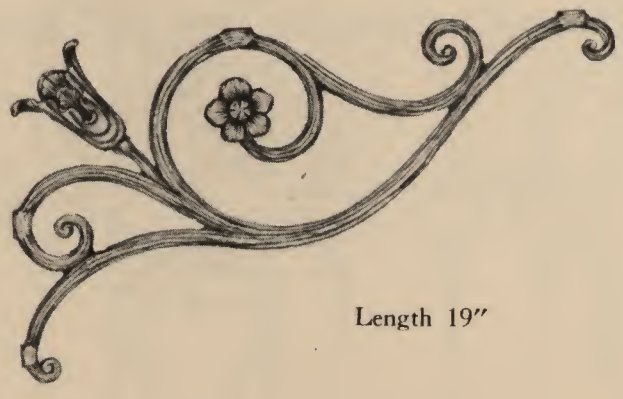


Height 7¼"
Width 7¼"

N° 9923

Height 7½"
Width 7¼"

N° 9921



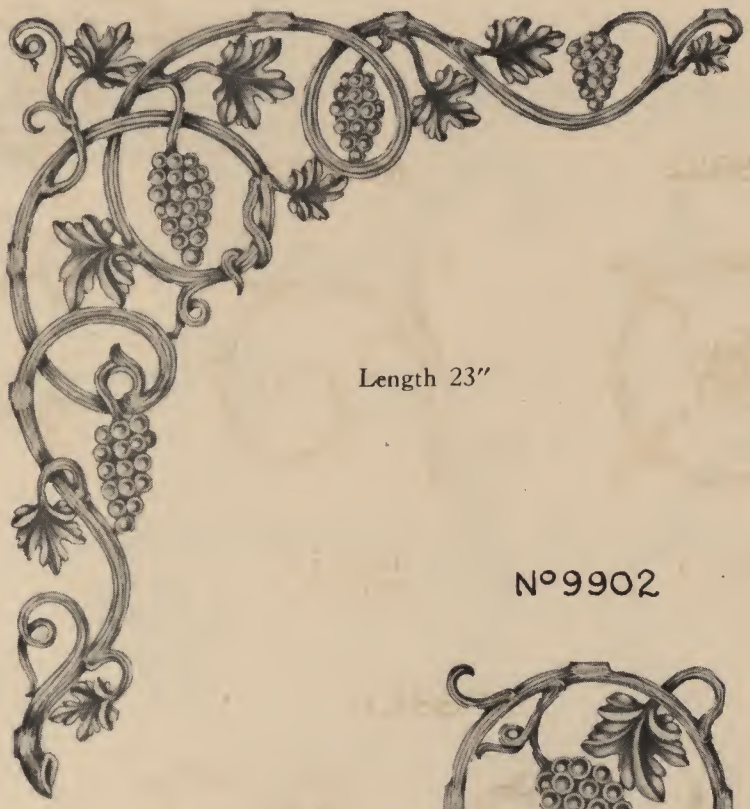
Length 19"

Ideally suited for decorating entrances, porches, trellis, etc. May also be had in malleable iron. Refer to other pages for interesting designs.

ORNAMENTAL ALUMINUM CASTINGS

DOUBLE FACED ALUMINUM CASTINGS, shown on this page are authentic replicas of genuine Southern designs. They are ideally suited for the construction of Porches, Verandas, Balconies, Trellis etc. Their light-weight construction allows for easy handling. They may also be had in Malleable Iron.

No 9901



Length 23″

No 9902



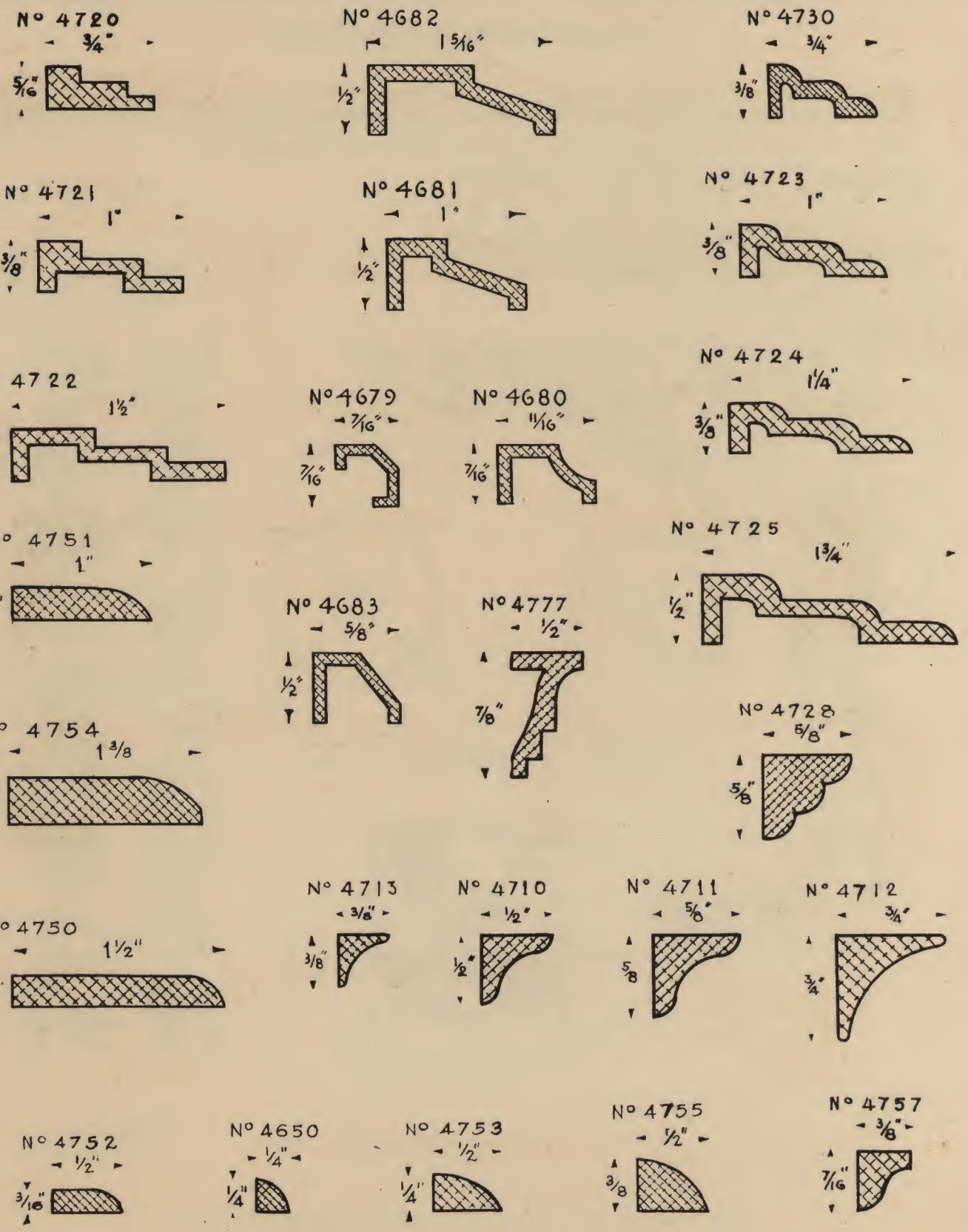
Height 8½″
Width 8½″

No 9900

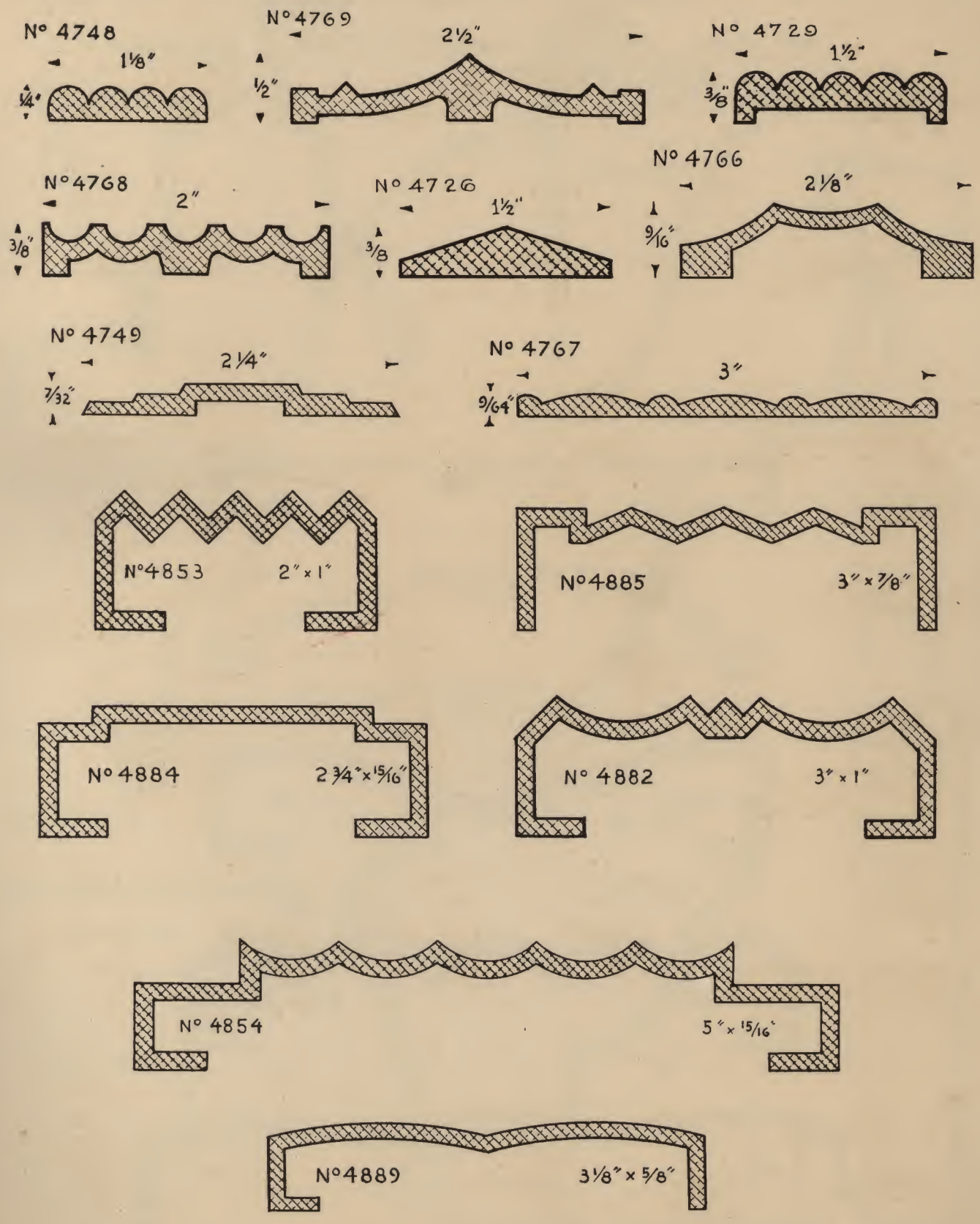


Height 31¼″
Width 8½″

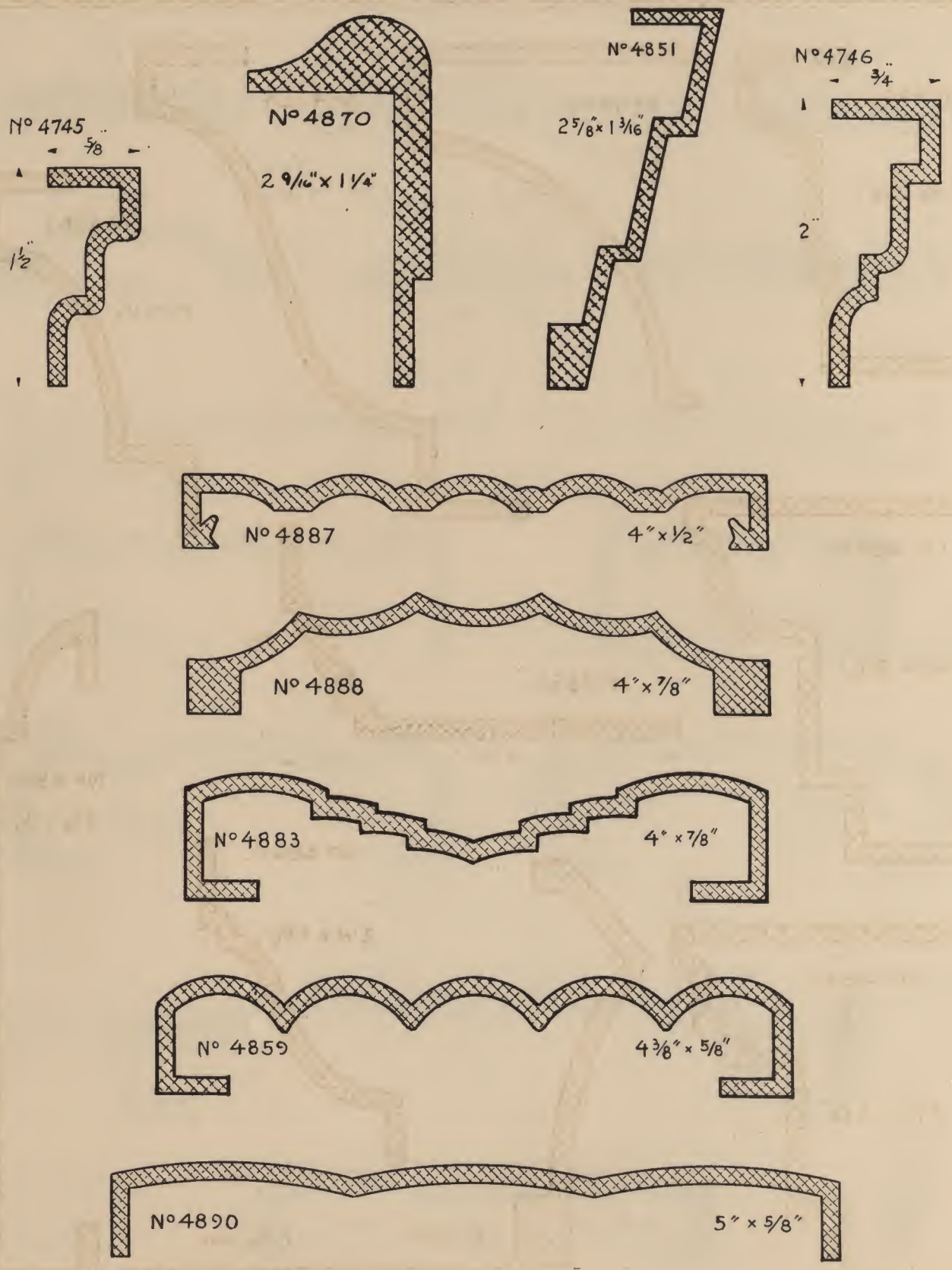
Design No. 9901 may be used as a hanging bracket for Lanterns, Flower Holders, Signs, etc. Design No. 9900 may be used as a railing panel.



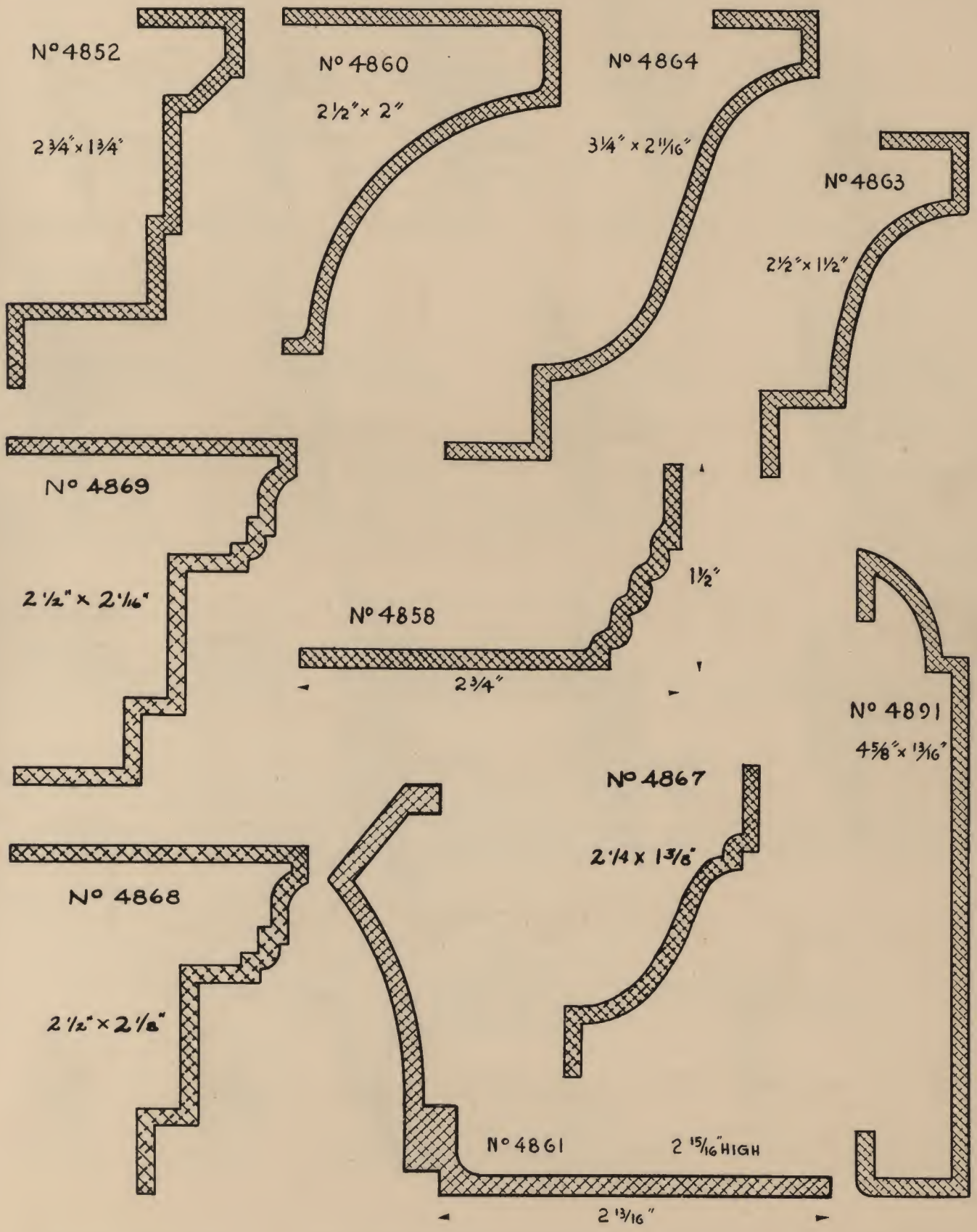
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*



Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

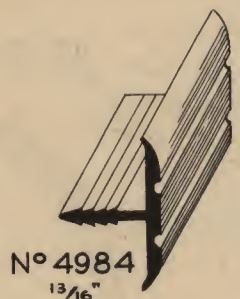


Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*



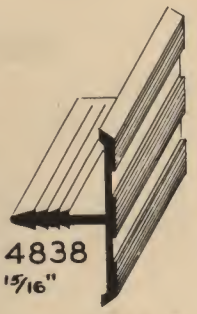
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*







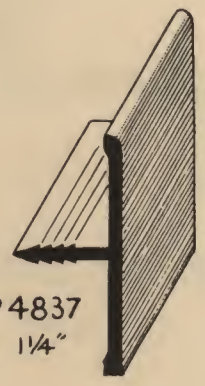








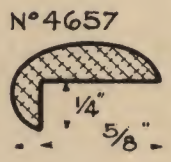


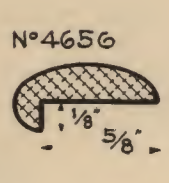




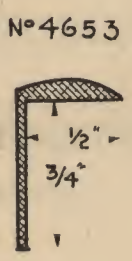


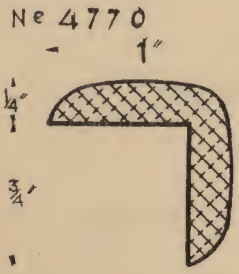


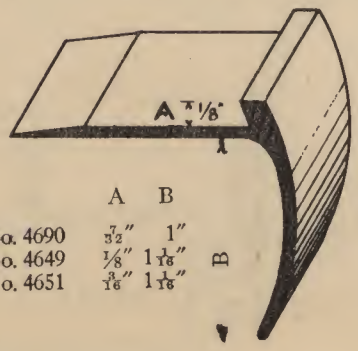


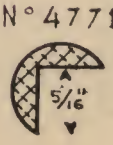


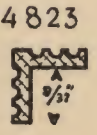




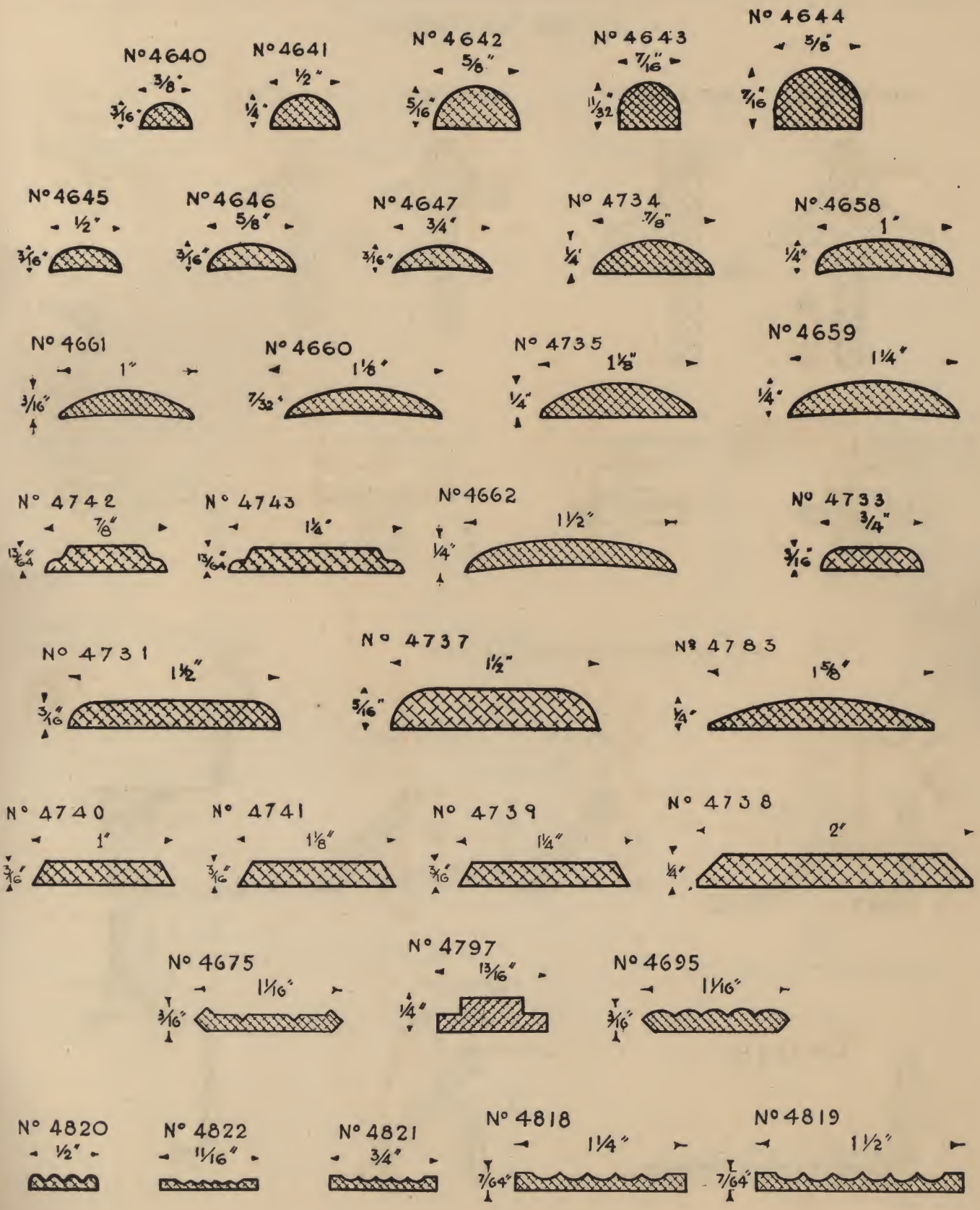






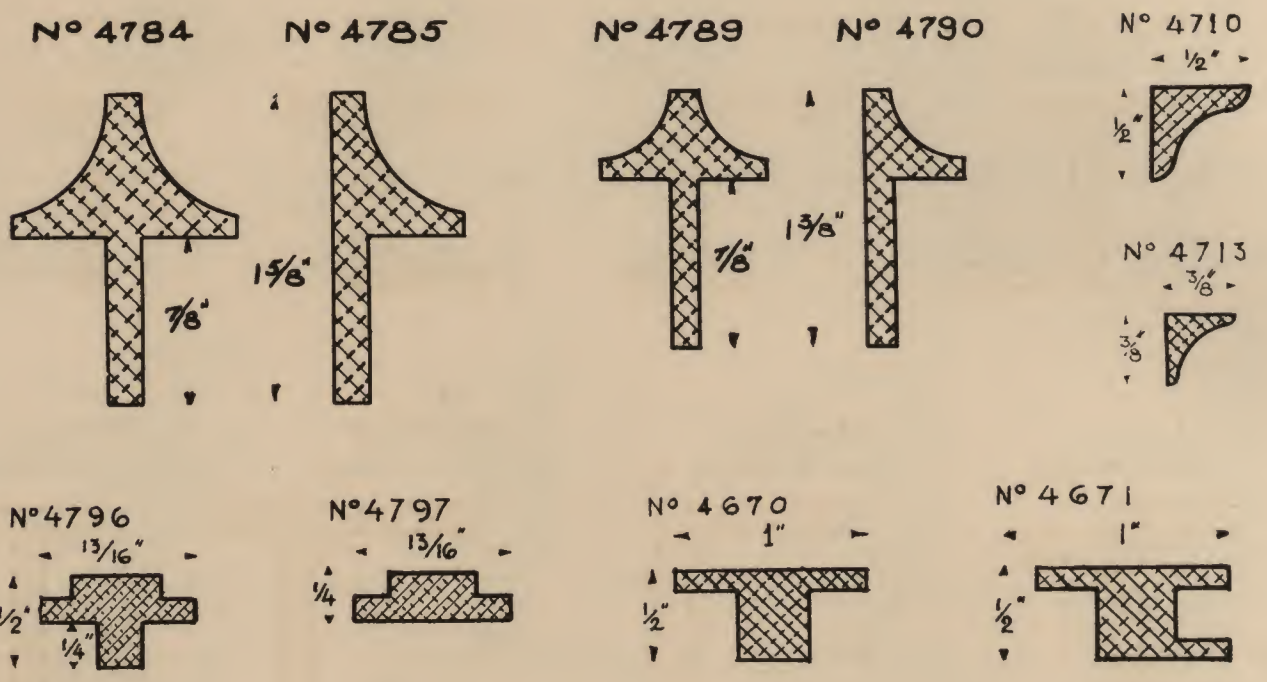


Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

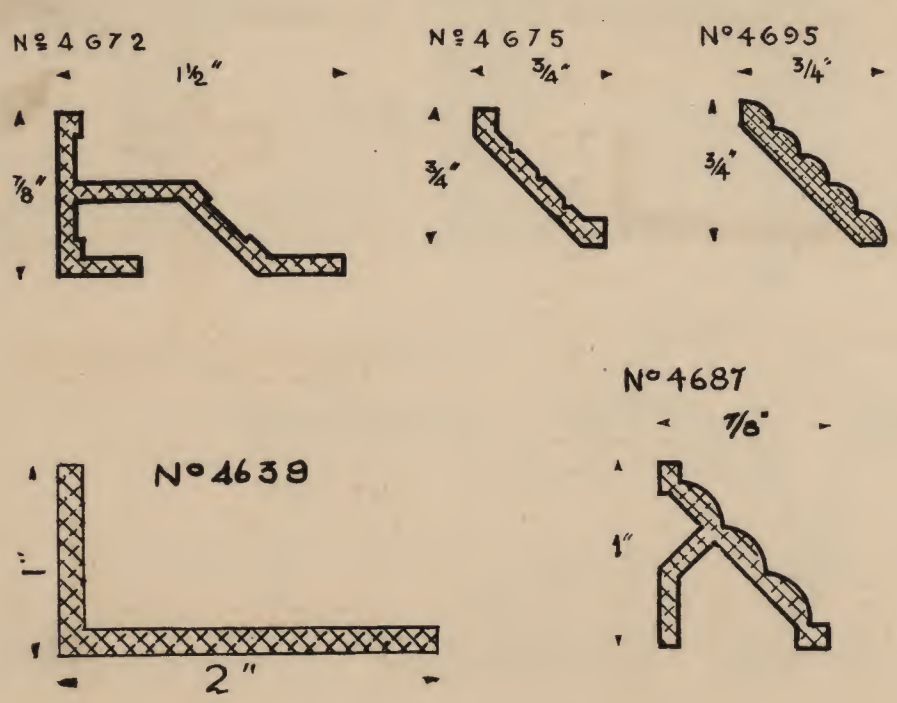


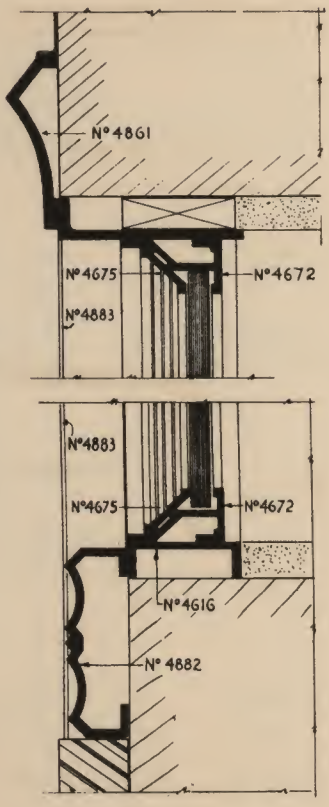
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

GLASS SECTIONS



STOREFRONT SECTIONS

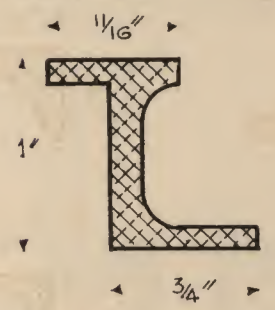




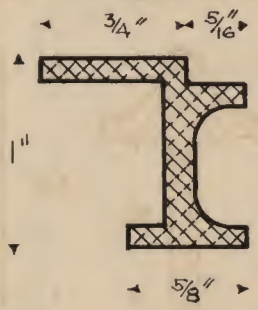
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

CASEMENT SECTIONS

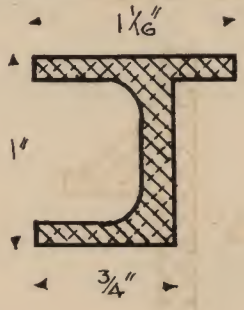
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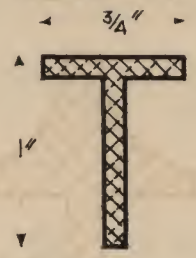
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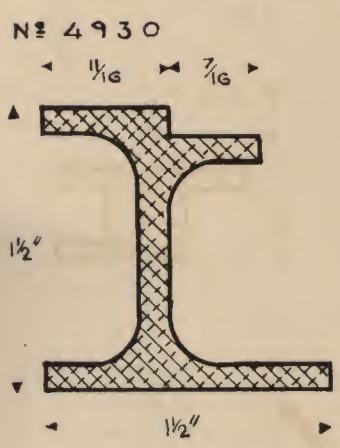
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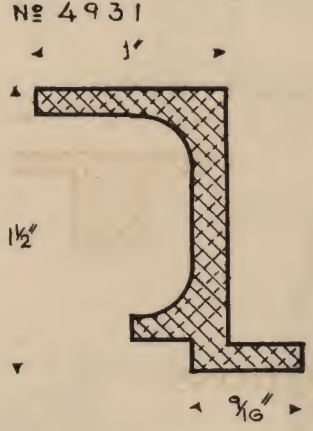
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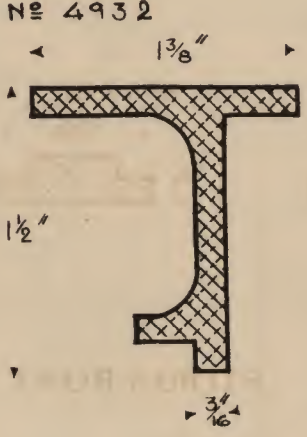
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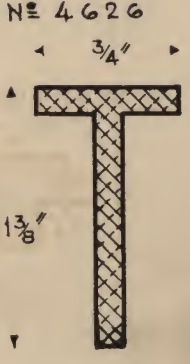
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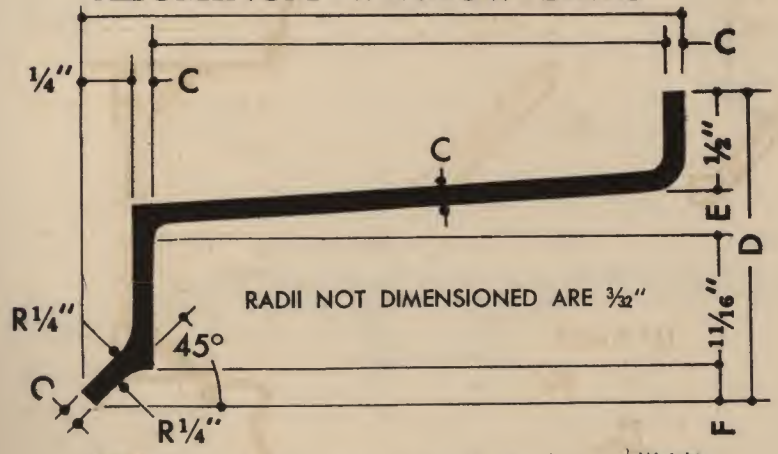
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№ 4626

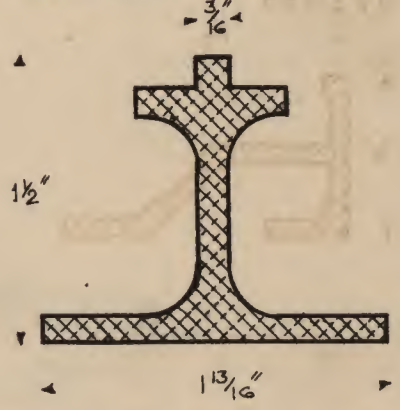


ALUMINUM WINDOW SILLS

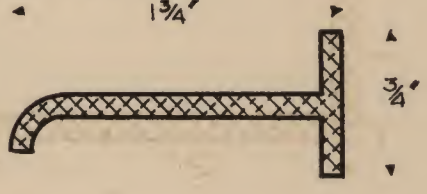


Section number	A	B	C	D	E	F	Weight per foot
37734	3 7/16"	3"	3/32"	1 9/16"	3/16"	3/16"	.524
37735	3 15/16"	3 1/2"	3/32"	1 19/32"	7/32"	3/16"	.570
37736	4 7/16"	4"	3/32"	1 3/8"	1/4"	3/16"	.636
37737	4 15/16"	4 1/2"	3/32"	1 21/32"	9/32"	3/16"	.691
37738	5 7/16"	5"	3/32"	1 11/16"	5/16"	3/16"	.746
37739	5 15/16"	5 1/2"	3/32"	1 23/32"	11/32"	3/16"	.804

№ 4933



№ 4923

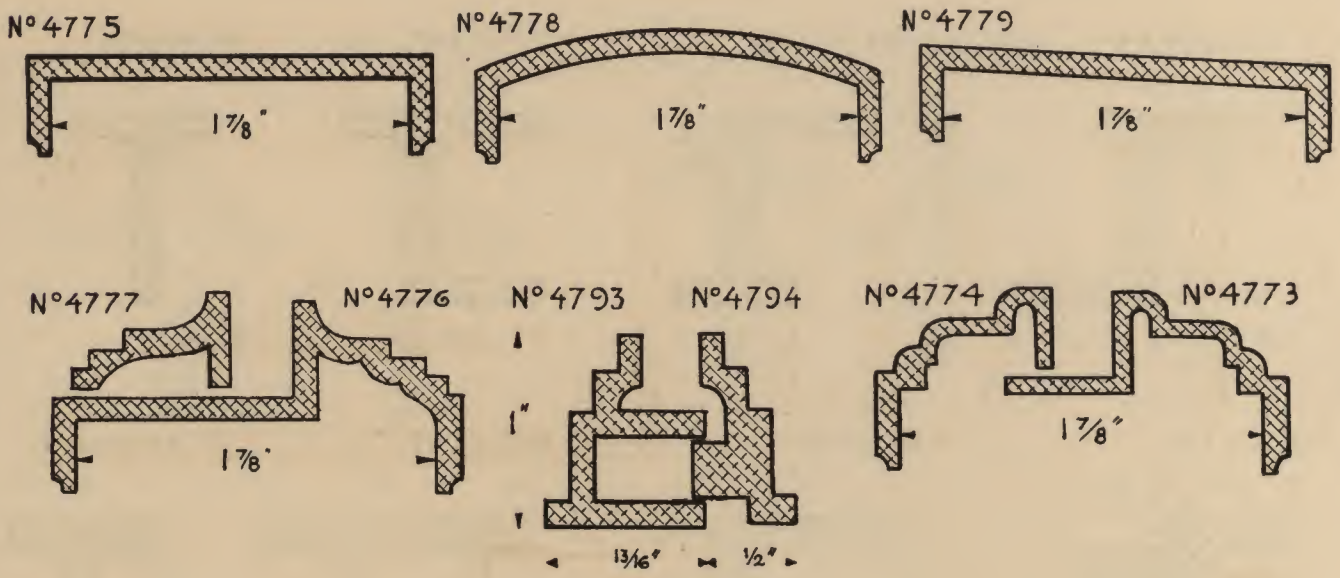


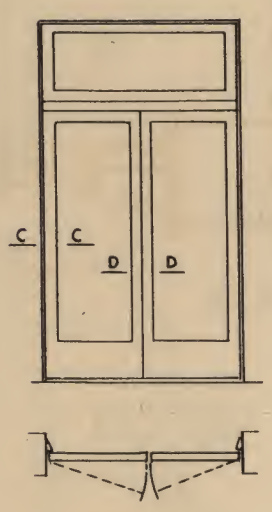
Illustrations Full Size

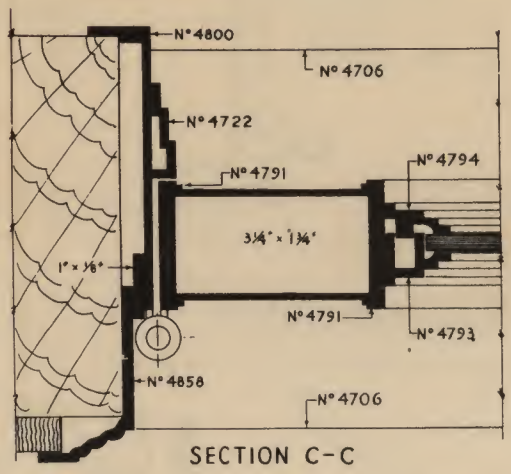
See index for weight, alloy and lengths.

Weights and Measurements Approximate

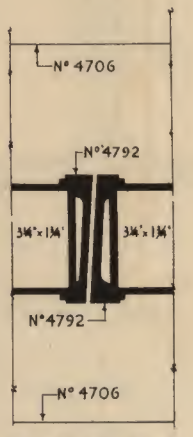
DOOR SECTIONS



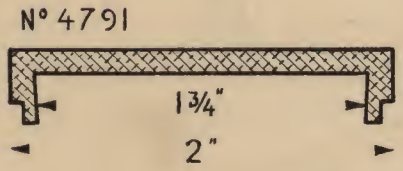


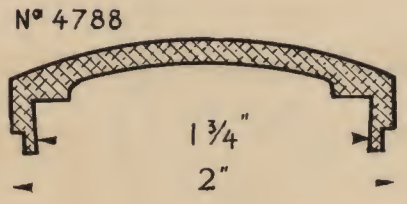


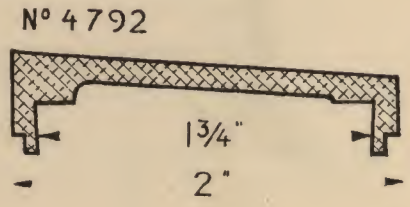
SECTION C-C

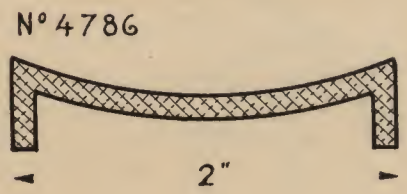


SECTION D-D



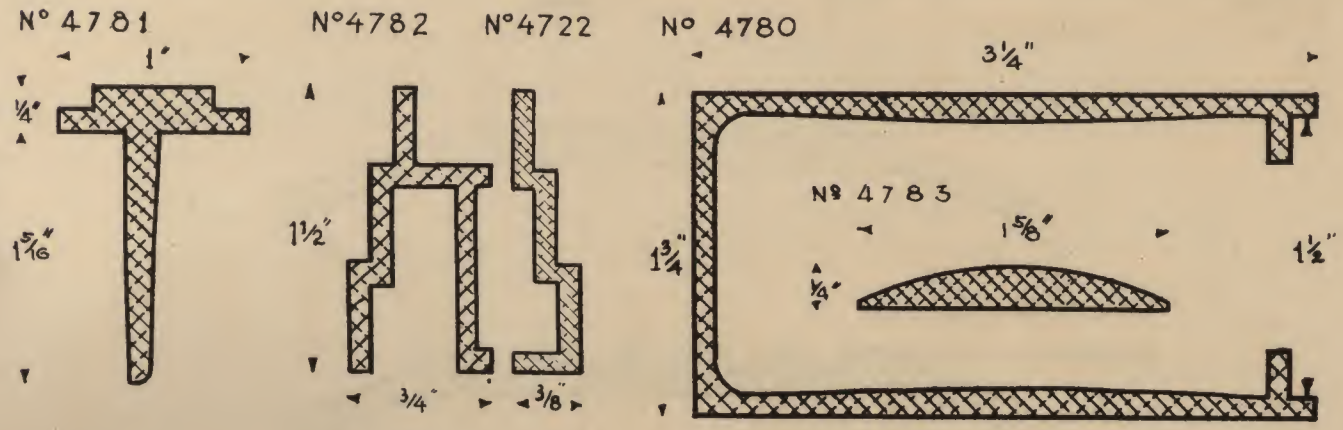


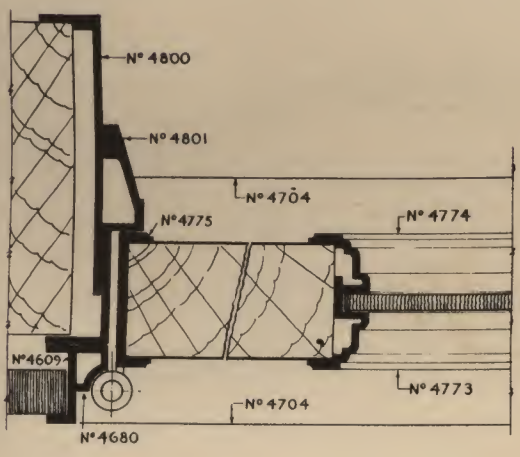


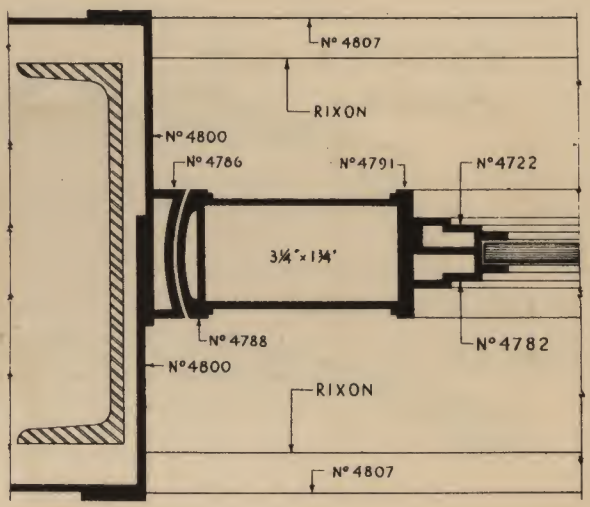


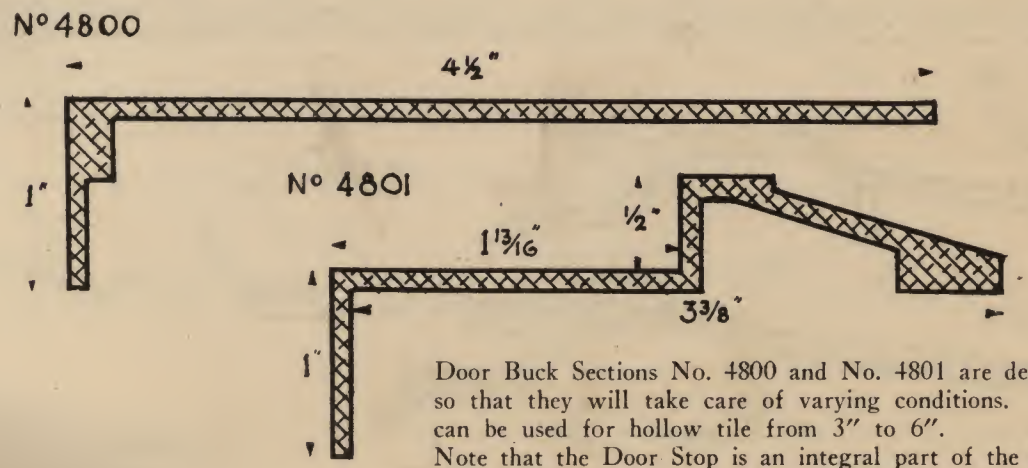
Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

DOOR SECTIONS



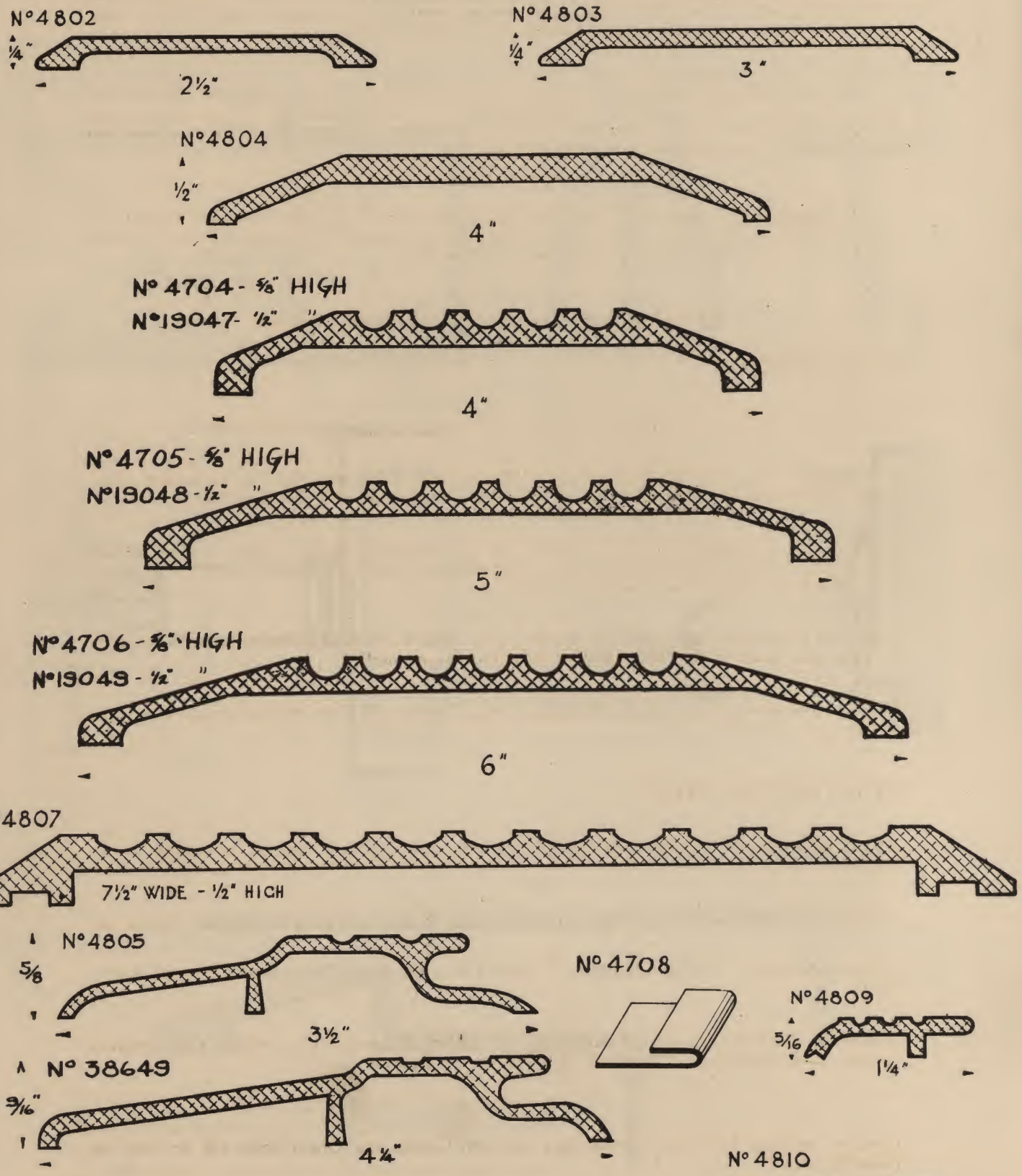






Door Buck Sections No. 4800 and No. 4801 are designed so that they will take care of varying conditions. They can be used for hollow tile from 3″ to 6″.
Note that the Door Stop is an integral part of the Buck.

Illustrations Full Size See index for weight, alloy and lengths. *Weights and Measurements Approximate*



Weather Strip Section No. 4708 fits Saddles Nos. 4805, 38649, 4809 and 4810.

Illustrations Full Size See index for weight, alloy and lengths. *Measurements Approximate*

ALCOA COPINGS & GRAVEL STOPS

On the following pages we offer an entirely new aluminum service from stock. Extruded Aluminum Copings and Gravel Stops are supplied complete with all the necessary anchor plates, sheet, joint cover plates, strap anchors, nails, washers, etc. to finish a complete job.

Extruded Aluminum Copings and Gravel Stops are watertight, light in weight and offer an inexpensive installation with a minimum of time and labor. Can be assembled almost entirely on the job and are equally well suited for new work or for replacements. Complete details for installation and specifications will be found on the following pages.

The light weight of Extruded Aluminum Copings and Gravel Stops make them easy to handle as they weigh only a fraction of stone or terra cotta. Transportation and labor costs are greatly reduced as no special conveying or hoisting equipment are necessary.

The following complete materials are furnished for each job.

FOR COPINGS

EXTRUDED ALCOA ALUMINUM FASCIA 36723 is supplied in straight 10 ft. lengths.

SUFFICIENT No. 36724 EXTRUDED ALUMINUM Joint Cover and No. 36725 Extruded Aluminum Anchor Plate are supplied to cut all the 6 inch pieces necessary to complete job.

SUFFICIENT ALUMINUM SHEET of .064 and .032 thickness will be supplied to make the desired width of coping sheets and joint covers. The Aluminum Sheet will be supplied flat, to be shaped by installing contractor to meet existing conditions.

WELDED CORNERS, both inside and outside can be supplied, if desired, in accordance with customers drawings and specifications. These will be subject to our approval.

Sufficient Aluminum Nails, Electro Galvanized bolts, Nuts and Washers will be furnished to fasten Copings.

FOR GRAVEL STOPS

EXTRUDED ALCOA ALUMINUM GRAVEL STOP. No. 39259 is supplied in straight 10 ft. lengths.

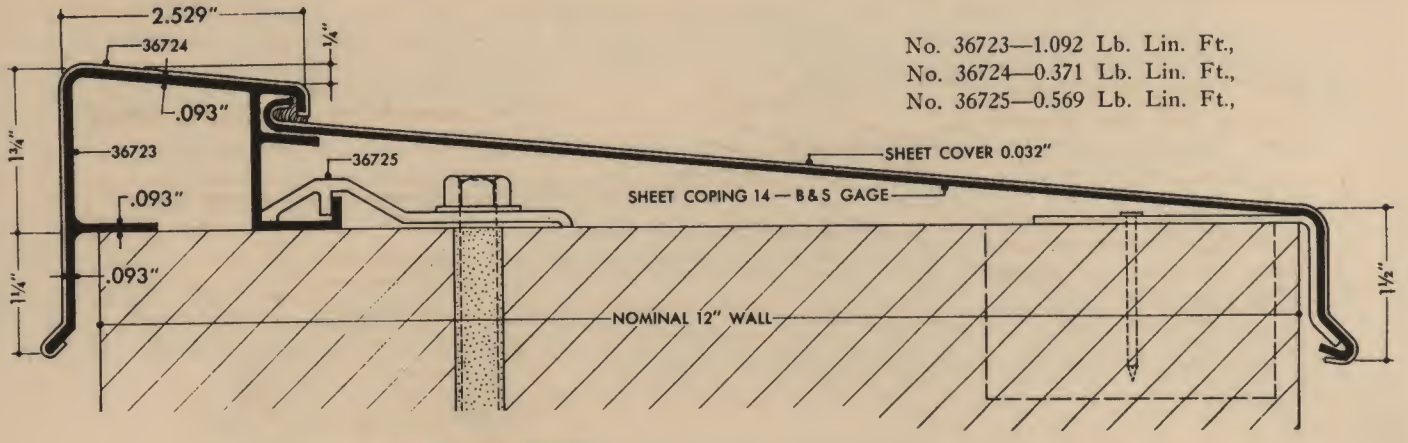
Sufficient No. 39258 Joint Cover Plate is supplied to cut all the 6 inch pieces necessary to complete job.

Sufficient Aluminum Nails with Neoprene Washers will be supplied to fasten Gravel Stop and Cover Plates.

WELDED CORNERS, inside and outside can be supplied, if desired, in accordance with customers drawings and specifications. These will be subject to our approval.

Complete working details and specifications for both Copings and Gravel Stops will be found on following pages.



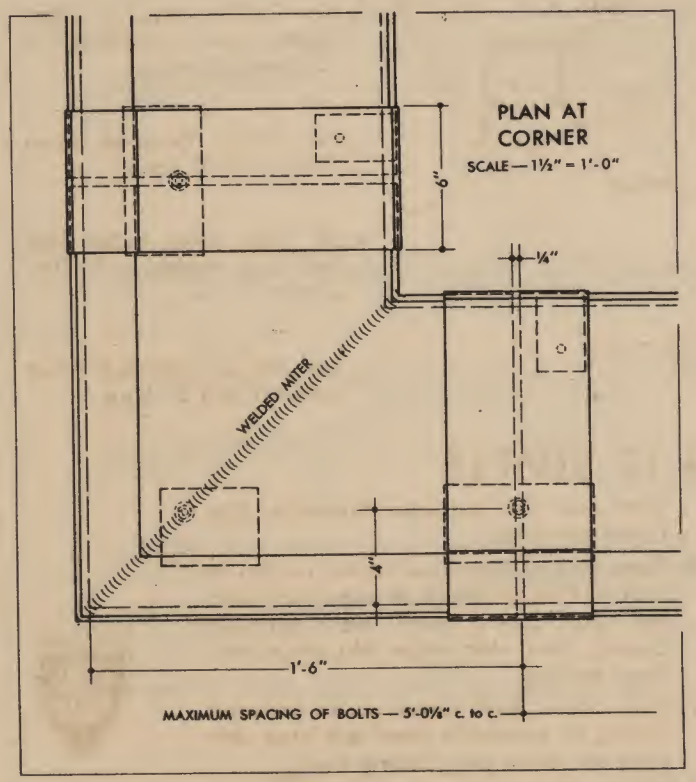


No. 36723—1.092 Lb. Lin. Ft.,
No. 36724—0.371 Lb. Lin. Ft.,
No. 36725—0.569 Lb. Lin. Ft.,

SCALE — HALF FULL SIZE

This type of Coping, which combines an Alcoa extruded shape with formed sheet aluminum, is adaptable for walls of any thickness or material. The extruded shape may be purchased cut to specified lengths and requires very little shop fabrication.

The Coping Sheet proper and Joint Cover Sheet can be readily and accurately formed by any well equipped fabrication shop. The result is an economical and watertight custom-built coping designed for the structure on which it is used.



SPECIFICATIONS

EXTRUDED SHAPES *63S-F

Extruded shapes shall be Alcoa Aluminum alloy *, as extruded, Federal Specification QQ-A-356b, Condition F. The extruded Coping shall be not less than 0.093 inch thick; the extruded Expansion Joint Cover shall be not less than 0.050 inch thick.

Extruded shapes shall have smooth, clean, sharp profiles, true to details, dimensions, design requirements and unless otherwise noted, shall be straight and true to line, and shall conform to Alcoa standard tolerance for extruded shapes.

Extruded shapes formed to curve shall be true to radii and free from buckling, kinking or twisting. Certain or all shapes shall be made with miters, slots, plain or tapped holes as required for assembly.

SHEET ALUMINUM

Aluminum sheet shall be Alcoa Aluminum alloy 3S, ½ H temper, Federal Specification QQ-A-359a, Condition ½ hard. The Coping sheet shall be not less than 0.064 inch in thickness; the Sheet Joint Cover shall be not less than 0.032 inch in thickness.

Sheet Aluminum shall be formed to details, dimensions and design requirements as shown on the drawings and, unless otherwise noted, shall be straight and true to line.

Sheets formed to curve shall be true to radii and free from buckling, twisting or kinking, and made with miters, holes and crimps as required for complete assembly.

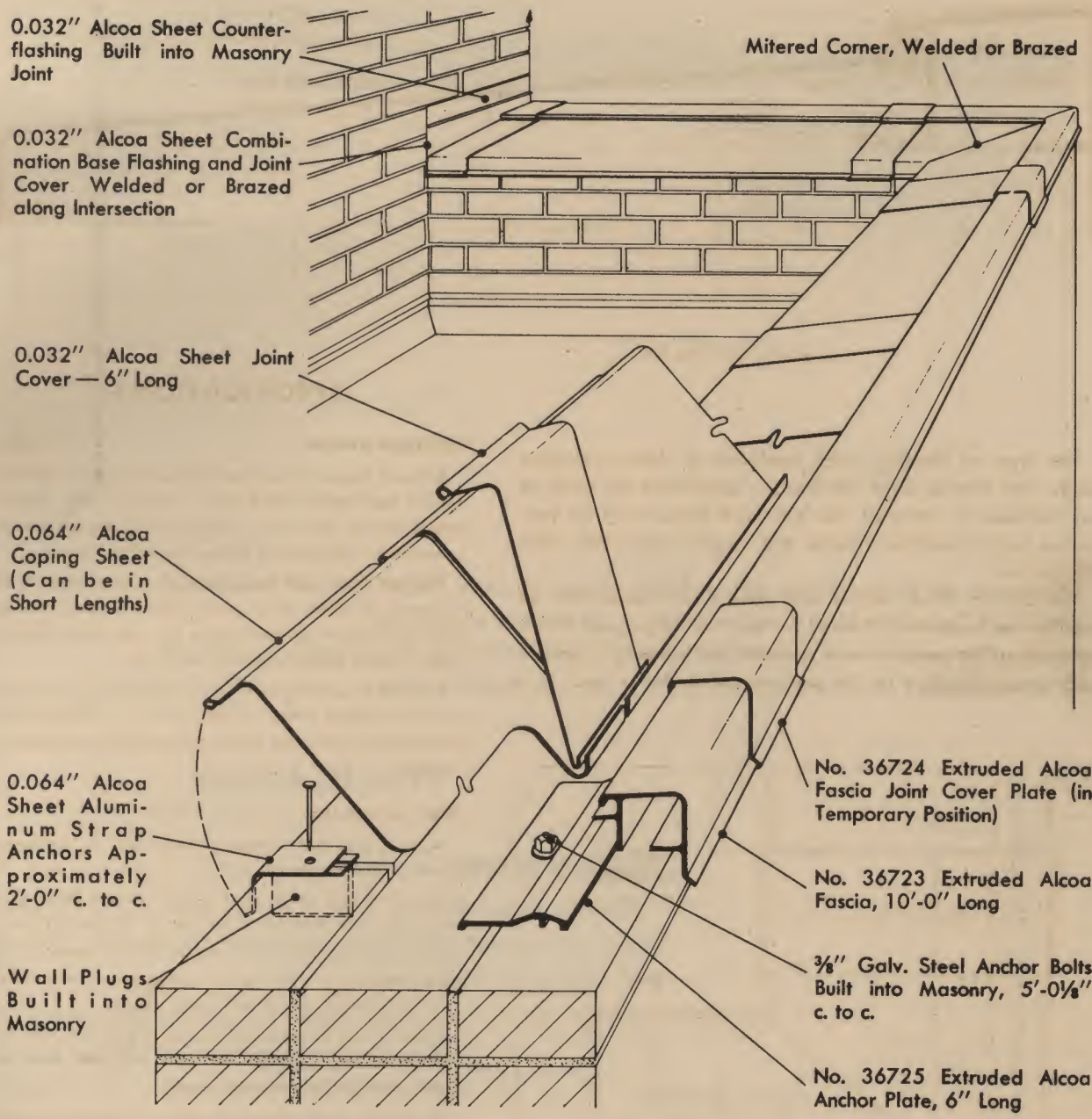
Sheet coping sections shall be furnished in lengths not to exceed 10'-0".

EXTRUDED ANCHOR PLATES

Anchor Plates shall be Alcoa Aluminum alloy *, as extruded, Federal Specification QQ-A-356b, Condition F; formed true to detail, and having a minimum thickness of 0.125". Formed sheet strap anchors shall be 3S, ½ H alloy not less than 0.064 inch in thickness.

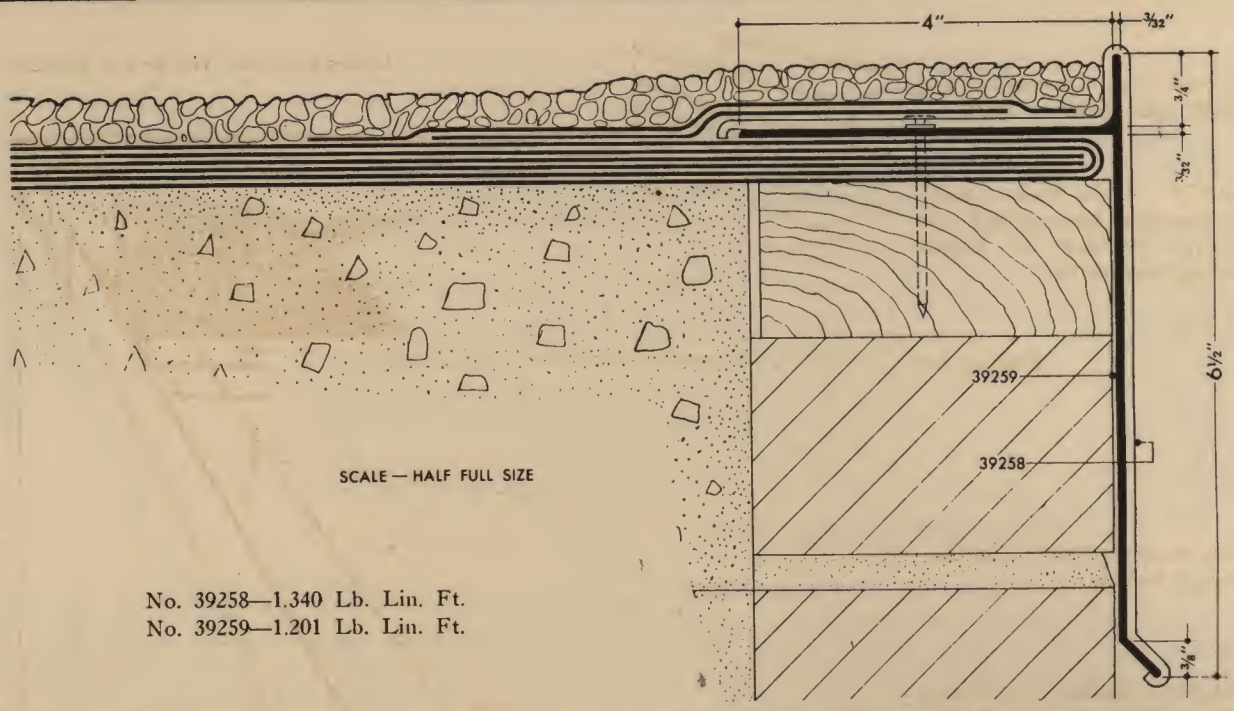
NAILS

Nails for securing strap anchors shall be aluminum or galvanized steel roofing nails.



INSTALLATION IS SIMPLE

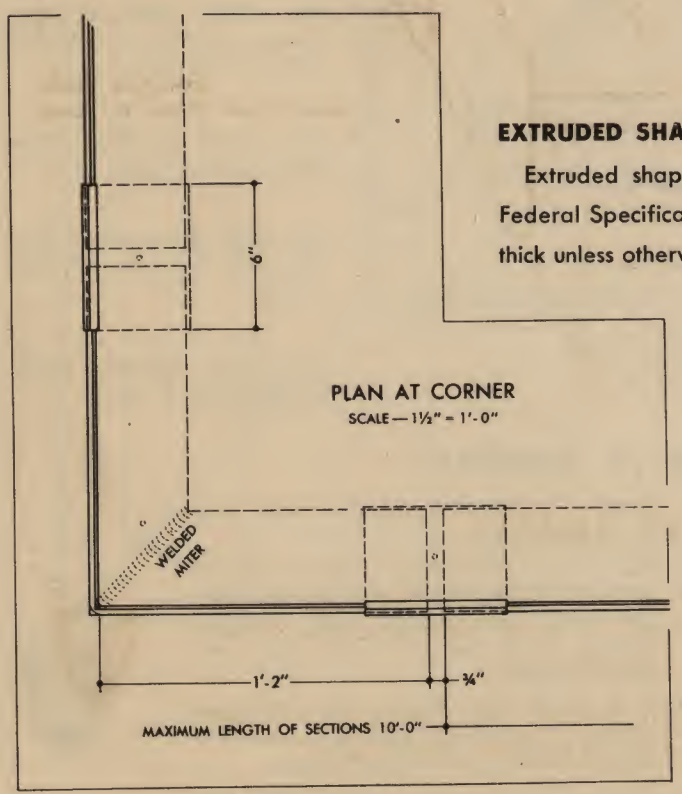
1. Work from the corners;
2. Nail Strap Anchors in place;
3. Place 10-foot section of Extruded Copings;
4. Slide on Extruded Expansion Joint Cover to clear joint;
5. Insert Anchor Plate;
6. Slip next 10-foot section of Extruded Coping under Anchor Plate, allowing ¼ inch between sections for expansion;
7. Place anchor washer and nut and tighten;
8. Place bed of bituminous mastic on top at ends of Extruded Copings at expansion joints and slide Extruded Expansion Joint Cover over joint;
9. Place bed of bituminous mastic on top at ends of Coping Sheets at expansion joints and hook Coping Sheet under Extruded Coping. Snap drip edge into place over Strap Anchors.
10. Hook Sheet Joint Cover under Extruded Coping at expansion joints and snap drip edge into place over Coping Sheet.
11. Caulk at joint between Coping Sheet and Extruded Coping.



No. 39258—1.340 Lb. Lin. Ft.
No. 39259—1.201 Lb. Lin. Ft.

The use of this Alcoa Extruded Gravel Stop with its Joint Cover Plate gives a positive water-sealed unit at minimum cost. Installation of this unit is accomplished by driving one nail in the center of each length and one through the Cover Plate at each joint.

This Gravel Stop was designed especially for use with bonded roofing.



SPECIFICATIONS

*63S-F

EXTRUDED SHAPES

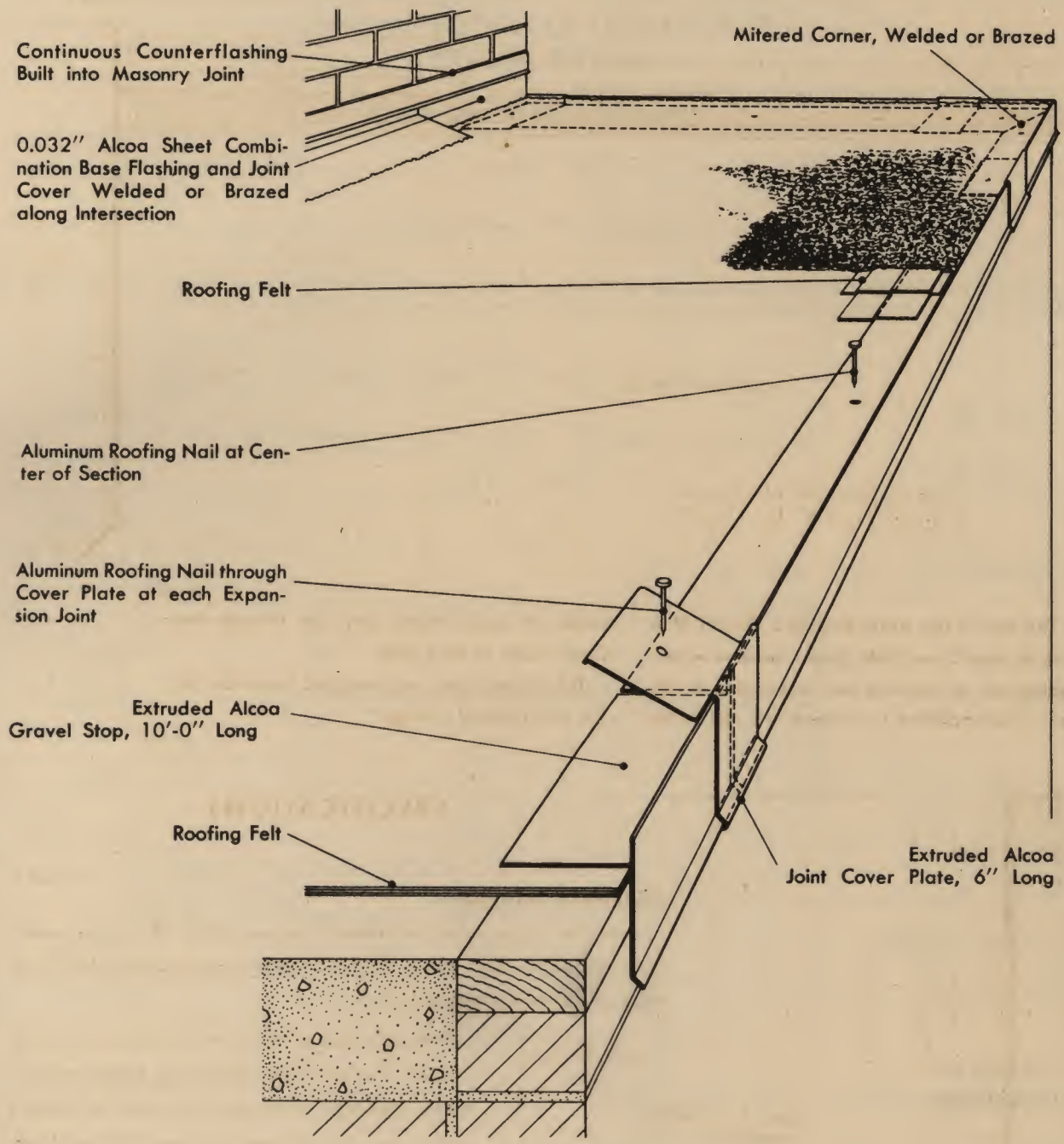
Extruded shapes shall be Alcoa Aluminum alloy *, as extruded, Federal Specification QQ-A-356b, Condition F, not less than 0.093 inch thick unless otherwise specified.

Extruded shapes shall have smooth, clean, sharp profiles, true to details, dimensions, design requirements and unless otherwise noted, shall be straight and true to line, and shall conform to Alcoa standard tolerance for extruded shapes.

Extruded shapes formed to curve shall be true to radii and free from buckling, kinking or twisting. Certain or all shapes shall be made with miters, slots and holes as required for assembly.

NAILS

Nails for securing gravel stop sections and cover plates shall be Aluminum roofing nails.



INSTALLATION IS SIMPLE

1. Work from the corner;
2. Place 10-foot section of Extruded Gravel Stop;
3. Nail at center only;
4. Slide on Extruded Joint Cover Plate to clear joint;
5. Place next 10-foot section of Extruded Gravel Stop, allowing ¾" between sections for expansion and nailing.
6. Slide Extruded Joint Cover Plate over joint on bed of bituminous mastic and nail.

STANDARD ALUMINUM PIPE
63-ST-5 ALLOY

AVAILABLE IN THREE SIZES

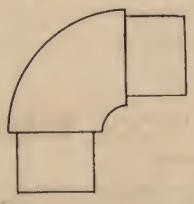
1″ I.P.S. 1¼″ I.P.S. 1½″ I.P.S.

Supplied in 12 Foot Lengths

STANDARD ALUMINUM, fittings and pipe are ideally suited for Hand Rails, Guard Rails, etc., etc. They are highly resistant to corrosion, durable and leave no streak or stain on adjacent surfaces.

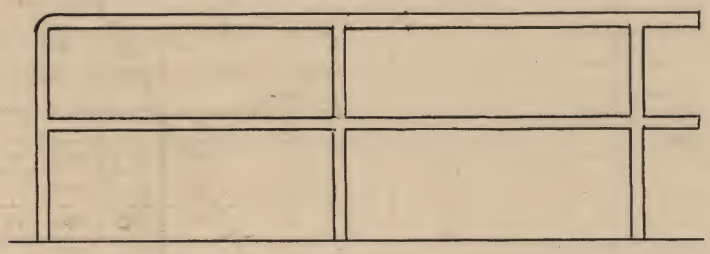
ALUMINUM FITTINGS FOR RAILINGS

ELL—90°

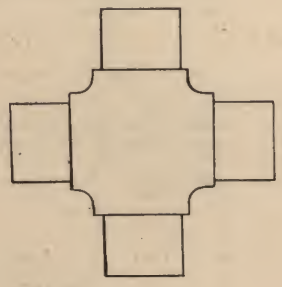


AVAILABLE FOR 1¼″ AND 1½″ ALUMINUM PIPE

FLUSH TYPE



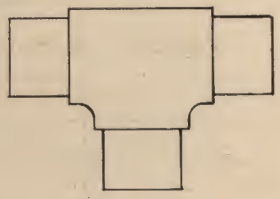
CROSS



FACIA FLANGE

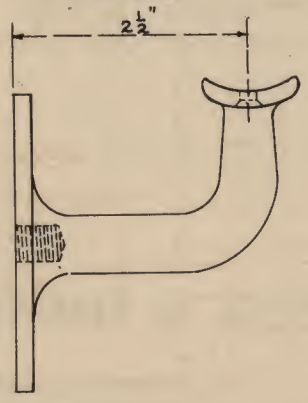


TEE



PIPE RAIL BRACKET

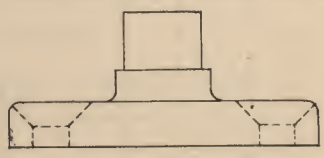
No. 4593



HANDRAIL TERMINAL



FLOOR FLANGE



FLUSH TYPE FITTINGS, are clean, strong and fit perfectly with outside surface of Aluminum Pipe. Only a thin seam is visible between pipe and fittings. All fittings are cast aluminum alloy B-214, except floor flange and facia flange which are forged aluminum, alloy 61-ST.

RAILINGS, made from genuine aluminum pipe and fittings are long lasting with a minimum of maintenance. Pipe and flush type fittings are fastened together with pins or weld. Other fittings for stair rails in 35° or 40° angles are available on special order. Ask for full information.

"ALCOA" 24S-T4 ALUMINUM MACHINE SCREWS

BRIGHT FINISH NATIONAL COARSE THREADS—CLASS 2—FREE FIT

	4-40	6-32	8-32	10-24	10-32	¼"-20	5/16"-18	3/8"-16
Length								
¼"	FR	FRJ	FRJ	R	FRJ			
5/16"	FR	FRJ	FR	FROJ	FR			
3/8"	FR	FROJ	FROJ	FROJ	FRJ	FRJ		
7/16"			FR					
½"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	
5/8"	F	FROJ	FRJ	FR	FRJ	FR		
¾"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	FR
7/8"			FJ		FR	FR		
1"	FR	FROJ	FROJ	FROJ	FRJ	FROJ	FR	FR
1 ¼"		J	FROJ	FRJ	FRJ	FRO	FR	FR
1 ½"		FRO	FRO	FRO	FR	FROJ	FR	FR
1 ¾"			R	R	R	FR		
2"			R	FR	FR	FRO	FR	FR

"ALCOA" 24S-T4 ALUMINUM WOOD SCREWS

BRIGHT FINISH—AMERICAN NATIONAL STANDARD

	#6	#8	#10	#12	#14
Length					
½"	FRO	O			
5/8"	FRO				
¾"	FRO	FRO	FR		
1"	FRO	FRO	FRO	FR	
1 ¼"	FRO	FRO		FRO	FRO
1 ½"	O	FRO	FRO	FRO	FRO
1 ¾"					FR
2"			FRO	FRO	FRO

"ALCOA" ALUMINUM MACHINE BOLTS

HEXAGON HEAD 24S-T
MACHINE FINISH—NOT WASHER FACED

	¼"-20	5/16"-18	3/8"-16	½"-13	5/8"-11
Length					
¾	X	X			
1	X	X	X	X	X
1 ¼	X	X	X	X	X
1 ½	X	X	X	X	X
1 ¾	X	X	X	X	X
2	X	X	X	X	X
2 ¼	X	X	X	X	X
2 ½	X	X	X	X	X
2 ¾	X	X	X	X	X
3	X	X	X	X	X
3 ¼	X	X	X	X	X
3 ½	X	X	X	X	X
3 ¾	X	X	X	X	X
4	X	X	X	X	X

PHILLIPS RECESSED HEAD MACHINE SCREWS

24S-T4 BRIGHT FINISH

	6-32	8-32	10-24	10-32	¼"-20	5/16"-18	3/8"-16
Length							
¼"	FRO	FRO					
5/16"	FRO	FRO	FR	FR			
3/8"	FRO	FRO	FRO	FR	FR		
7/16"	FR	RO	R	FR			
½"	FRO	FRO	FRO	FR	FRO	FR	
5/8"	FRO	FRO	FRO	FR	FRO	FR	
¾"	FRO	FRO	FRO	FR	FRO	FR	FR
7/8"	FR	FR	FR	FR	FR	R	F
1"	FRO	FRO	FRO	FR	FRO	FR	FR
1 1/8"	RO	RO	R	R			
1 ¼"	FR	FRO	FRO	FR	FRO	FR	FR
1 ½"		FR	FRO	FR	FRO	FR	FR
1 ¾"			FR	FR	FR	R	
2"			FR	FR	FR	FR	F

PHILLIPS RECESSED HEAD WOOD SCREWS

24S-T4 BRIGHT FINISH

	#4	#5	#6	#7	#8	#9	#10	#12	#14
Length									
3/8"	FR								
½"	FRO	O	FRO	R	FR				
5/8"	FRO	O	FRO		FRO				
¾"	FRO	FRO	FRO	FR	FRO	R	FR		
7/8"		F	FRO		FRO		FR		
1"	O	FRO	FRO	FRO	FRO	F	FRO	FR	
1 ¼"			FRO	RO	FRO	F	FRO	FR	F
1 ½"				F	FRO	FR	FRO	FR	F
1 ¾"					FR		FR	FR	F
2"					FRO		FRO	FR	FR
2 ½"								FR	FR
3"									F

HEXAGON 24S-T MACHINE SCREW NUTS

4-40	10-24	¼"-20
6-32	10-32	5/16"-18
8-32		3/8"-16

HEXAGON 24S-T BOLT NUTS

¼"-20	3/8"-16	5/8"-11
5/16"-18	½"-13	

"J"—Jackson Head "F"—Flat Head "R"—Round Head "O"—Oval Head

As our stocks are constantly being enlarged we solicit your inquiries for items of Aluminum Screw Machine Products and Rivets not shown in this catalog.

ROUND HEAD

Length / Diameter	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"
1/16"	X	X	X	X	X					
3/32"	X	X	X	X	X					
1/8"		X	X	X	X	X	X	X	X	X
5/32"		X	X	X	X	X	X	X	X	X
3/16"			X	X	X	X	X	X	X	X
1/4"					X	X	X	X	X	X

FLAT COUNTERSUNK HEAD

Length / Diameter	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1 1/4"	1 1/2"
1/8"	X	X	X	X	X	X		
3/16"		X	X	X	X	X	X	
1/4"		X	X	X	X	X	X	X

FLAT HEAD

Length / Diameter	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"
1/8"	X	X	X	X	X	
5/32"	X	X	X			
3/16"		X	X	X	X	
1/4"		X	X	X	X	X

NOTES



16- 7



16 12 pcs- 7'
6 pcs 16ft 6 pcs- 27'
12 16 6
162
7 pcs 16ft

J. G. Braun Company

Architectural Metals and Supplies

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NEW YORK 557 WEST 35TH STREET